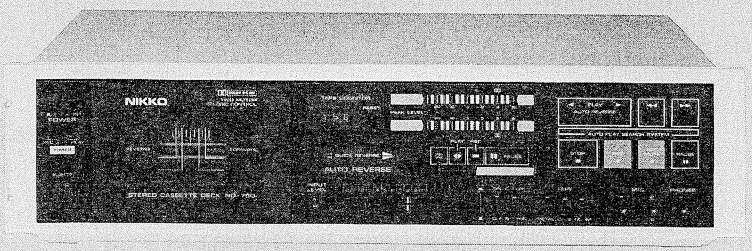
NIKKO DECK

ND-750

STEREO CASSETTE DECK



TYPE AND VOLTAGE

W - TYPE :	UL & CSA type	120V AC
E - TYPE :	NK-STD type	220V AC
V - TYPE :	Multi-Voltage type	110 ~ 120/ 220 ~ 240V AC

SERVICE MANUAL

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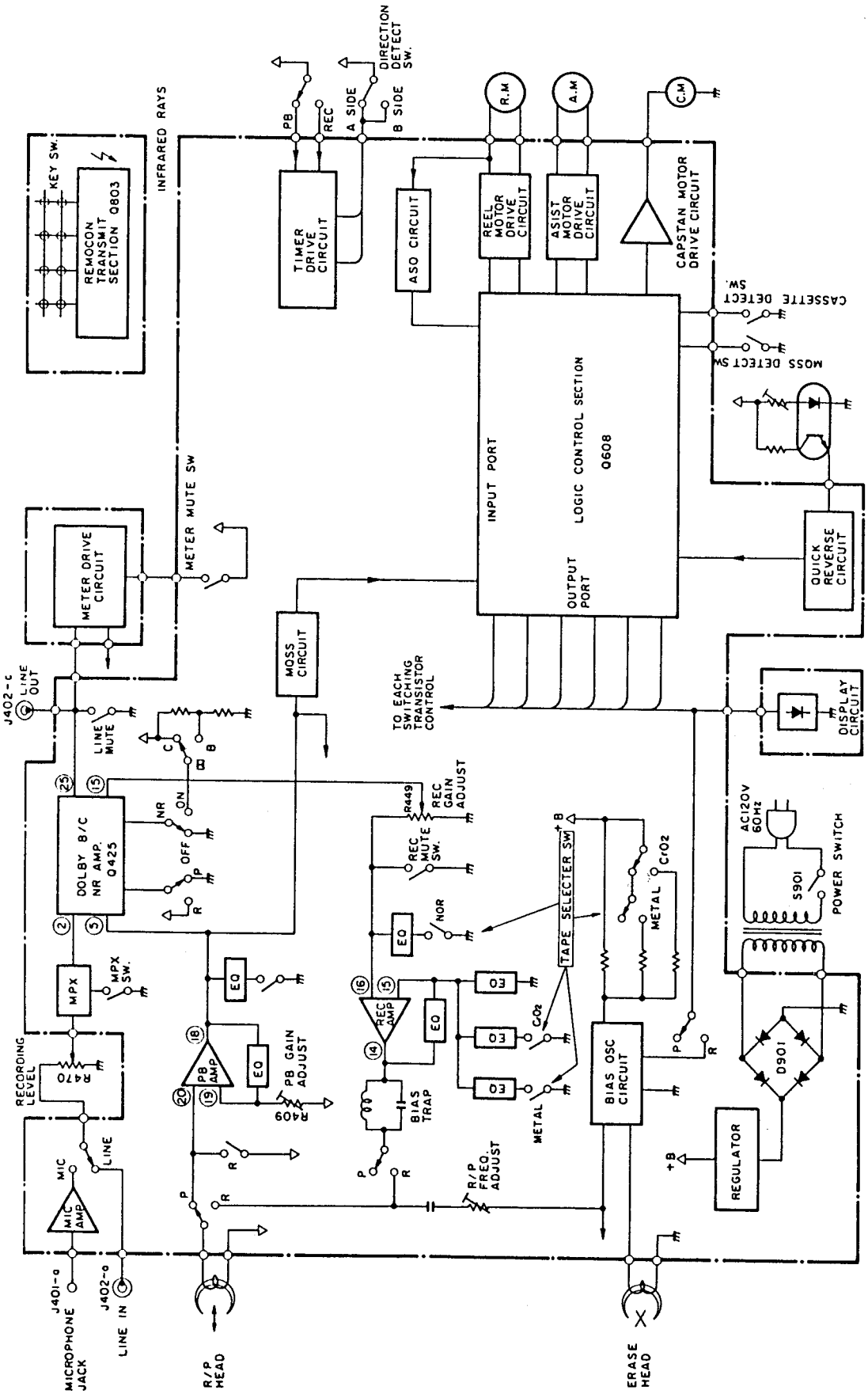
SPFCIFICATIONS

Heads	Record/playback	Permalloy head
	Erase	Ferrite (2-gap ferrite) head
Drive System	2-motor IC logic control	
Motors	DC servo motor for capstan drive	
	DC motor for reel drive	
Tape Speed	4.8 cm/sec.	
Wow & Flutter	0.045% W. RMS	
Fast Forward and Rewind Time	Approx. 85sec. (C-60 tape)	
Frequency Response	30–18,000 Hz with metal tape and -20 dB input	
	30–16,000 Hz with chrome position tape and -20 dB input	
	30–15,000 Hz with normal tape and -20 dB input	
Signal to Noise Ratio	58 dB (peak level, WTD, chrome position tape)	
Third Harmonic Distortion	0.8% (400 Hz, 0 dB chrome position tape)	
Bias Frequency	85 kHz	
Inputs Sensitivity (Impedance)	MIC : 0.35 mV (600 ohm–10k ohm)	
	LINE: 70 mV (50k ohm)	
Outputs Sensitivity (Impedance)	LINE: 0.4 V (50k ohm)	
	Headphones 0.1 mW (8 ohm)	
Semiconductors	15 ICs, 35 transistors, 6 FETs,	
	49 diodes 18 LEDs	
Power Supply	W - TYPE	AC 120V 60 Hz, 20 W
	E - TYPE	AC 220V 50 Hz, 20 W
	V - TYPE	AC 110 ~ 120V 50/60 Hz, 20 W
		AC 220 ~ 240V
Major Dimensions	Width 440 mm (17–1/4 in.)	
	Height 110 mm (4–21/64 in.)	
	Depth 270 mm (10–5/8 in.)	
	(including front panel knobs etc. and rubber supports)	
Weight	3.9kg (8.6 lbs)	
Accessories	Connecting cables (pin-pin) x 2	
	Head cleaner	

BLOCK DIAGRAM



ALIGNMENT

ELECTRICAL ADJUSTMENT (1)

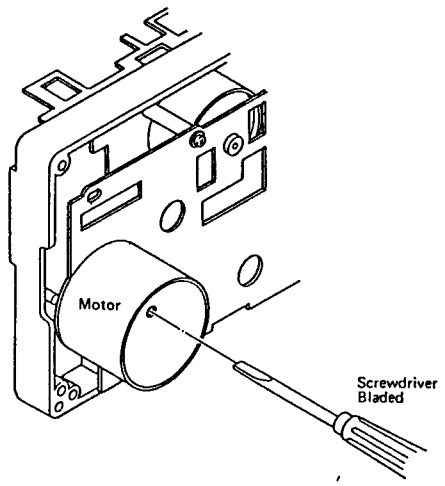


Figure 1

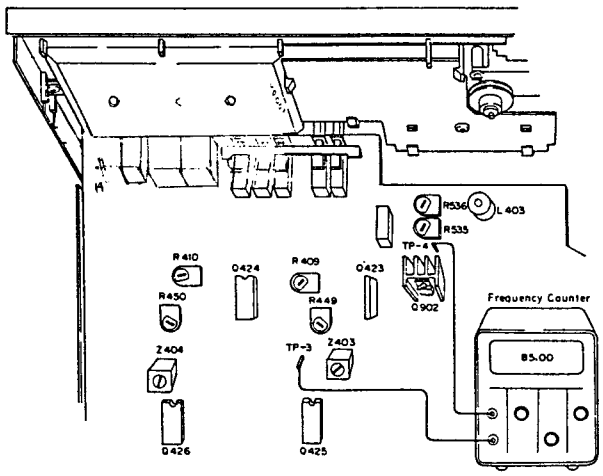


Figure 2

ADJUSTMENT PROCEDURES

INSTRUMENTS – Audio signal generator, two VTVM's or dual VTVM, Frequency counter, resistance attenuator and test tapes.

TEST TAPE – Use alignment tapes as listed on the D/806 Ultrafiche card, service tools and test equipment section.

PRELIMINARY – Proceed other adjustments after removal of the top cover.

TAPE SPEED ADJUSTMENT

1. Push the eject button to open the cassette cover. Load a test tape (Tape Speed) and close the cassette cover.
2. Connect a frequency counter to the L or R channel of the Playback jacks.
3. Set the Cassette deck in PLAY mode.
4. Adjust the trim pot in the motor for 3000 Hz ± 30 Hz reading on the frequency counter.

BIAS OSCILLATOR ADJUSTMENT

1. Connect a frequency counter across TP4 and TP3 (Ground). See figure 2.
2. Set the TAPE SELECTOR SWITCH to METAL position.
3. Set the cassette deck in REC mode.
4. Adjust L403 (Bias oscillator coil) for 85 KHz ± 0.5 KHz reading on the frequency counter.

ELECTRICAL ADJUSTMENT (2)

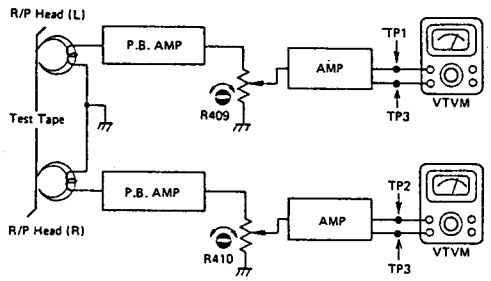


Figure 3

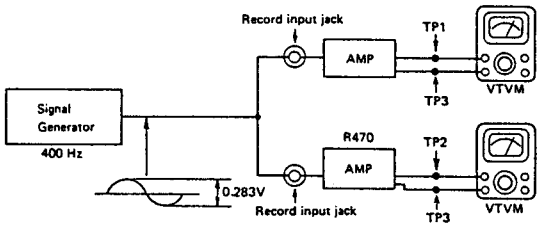


Figure 4

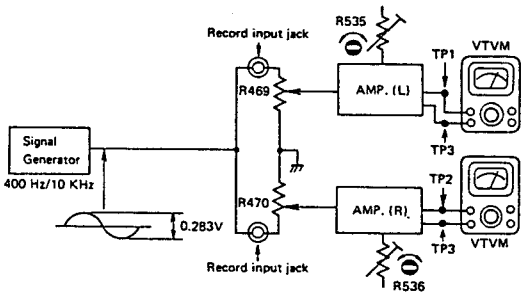


Figure 5

PLAYBACK SENSITIVITY ADJUSTMENT

1. Push the eject button to open the cassette cover.
2. Load a test tape (Playback Sensitivity) and close the cassette cover.
3. Connect VTVM's to the L and R channel of the Test Points (TP1, TP2 and TP3 (GND)). See figure 3.
4. Set the TAPE SELECTORS SWITCH to NORMAL and DOLBY NR SWITCH to OUT positions.
5. Set the cassette deck in PLAY mode. Then, adjust the semi-fixed resistors R409 (L channel) and R410 (R channel) for playback output of 580mV ± 10mV on the VTVM's.

RECORD/PLAYBACK FREQUENCY ADJUSTMENT

1. Connect an attenuator and a signal generator to the L and R channel of the Record input jacks.
2. Connect VTVM's to the Test Points (TP1, TP2 and TP3 (GND)). See figure 4.
3. Set the TAPE SELECTOR SWITCH to CrO_2 and DOLBY NR SWITCH to OUT positions.
4. Apply 400 Hz (0.283Vp-p) signal of the signal generator to the Record input jacks.
   Set the cassette deck in REC mode and adjust the recording level control for 0 dB ± 1 dB reading on the VTVM's.
5. Push the eject button to open the cassette cover.
6. Load a blank tape (Record/Playback Frequency) and close the cassette cover.
7. Next, apply 400 Hz/10 KHz (0.283Vp-p) signal of the signal generator to the Record input jacks.
   Set the cassette deck in REC mode. See figure 5.
8. Play the recorded signals. Adjust the semi-fixed resistors R535 (L) and R536 (R) so that the output difference between 400 Hz and 10 KHz is 0 ± 1 dB.

ALIGNMENT

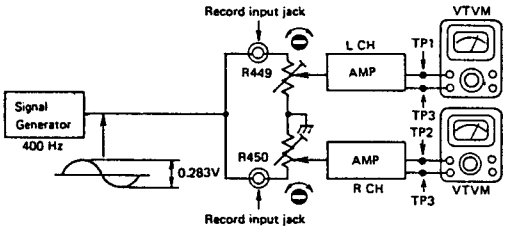


Figure 6

MECHANISM ADJUSTMENT AND MOUNTING METHOD

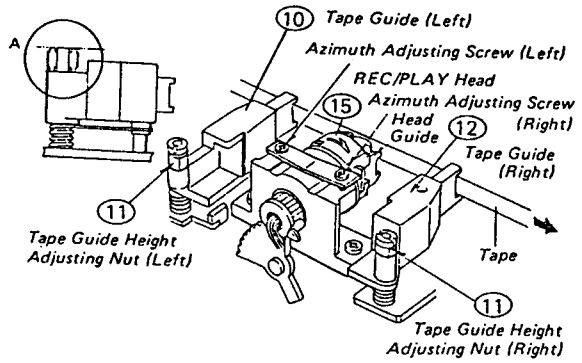


Figure 1-a

RECORD/PLAYBACK SENSITIVITY ADJUSTMENT

1. Connect an attenuator and a signal generator to the L and R channel of the Record input jacks.
2. Connect VTVM's to the Test Point (TP1, TP2 and TP3 (GND)). See figure 4.
3. Set the TAPE SELECTOR SWITCH to CrO_2 and DOLBY NR SWITCH to OUT positions.
4. Apply 400 Hz (0.283Vp-p) signal of the signal generator to the Record input jacks.
   Set the cassette deck in REC mode and adjust the recording level control for 0 dB ± 1 dB reading on the VTVM's.
5. Push the eject button to open the cassette cover.
6. Load a blank tape (Record/Playback Sensitivity) and close the cassette cover.
7. Apply 400 Hz (0.283Vp-p) signal of the signal generator to the Record input Jacks.
   Set the cassette deck in REC mode. See figure 6.
8. Play the recorded signals and adjust the semi-fixed resistors R449 (L) and R450 (R) for playback output of 0 dB on the VTVM's.

TAPE GUIDE HEIGHT AND AZIMUTH ADJUSTMENT

See Figure 1-a, 1-b

1. Align the tape guide left and right adjustment nuts (11) with the top of the shaft asshown at A.
2. Play back a test tape with forward play and adjust the azimuth by turning the left azimuth adjustment screw. Then play back with reverse play and adjust the azimuth by turning the right azimuth adjustment screw.
3. Confirm that the tape is not curved at the guide section of the Record/Playback%Erase head (15) during tape travel in both forward and reverse PLAY by using a cassette tape.
4. If the tape is curved at the tape guide section, adjust the left and right adjustment nuts (11) of the tape guide so that the tape is not curved at the guide section. Then repeat 1 and 3.

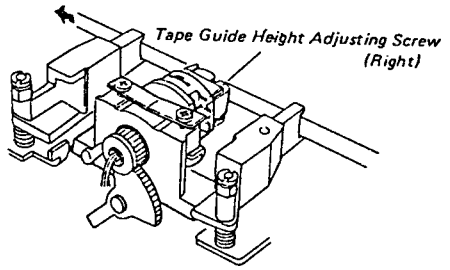


Figure 1-b

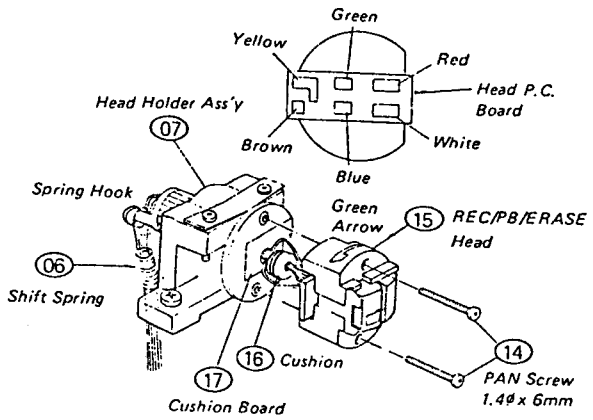


Figure 2

HEAD REPLACEMENT See Figure 2

Place the cushion board (17) on the head holder assembly. Insert the wires (07P SOCKET assembly) into the spring (06). Insert the same wires in the shaft hole of the head holder (07) and pull them out of the cushion board. Among the wires that were pulled out, insert only the red, white, yellow and brown wires into the head cushion (16). Solder the wires on the head P.C. board of the Record/Playback%Erase head (15) as shown in the Figure. Screw the Record/Playback/Erase head (15) on the head holder assembly (07) with the PAN screw (14) (1.4ϕ x 6mm) by conforming to the arrow direction printed on the Record/Playback%Erase head (15) to the spring hook direction of the head holder assembly (07) gear. Tighten then PAN screw (14). Apply a small amount of instant adhesive between the metal sheets where the Record/Playback/Erase head (15) head board and head holder assembly (07) are placed. Apply a small amount of instant adhesive between the Record/Playback/Erase head (15) and the steel plate where cushion board (17) are placed.

CAM GEAR RETURN CORD AND GEAR MOUNTING METHOD See Figure 3, 4, 5

1. Cut the return cord (57) to length of 180 ± 2mm.
2. Hook the knot provided at each end of the return cord to the reduction gear (56) and return pulley (58). Respectively, and apply a drop of lock tite (adhesion) to each knot.
3. Wind the return wire (57) clockwise around the return pulley (58) and mount the pulley to the main chassis.
4. Insert the return spring (59) onto the return pulley 58 and hook the return spring (59) on the boss A. Then, rotate upper end of the return spring (59) by 360 degrees counter-clockwise, and insert the upper spring end to the slit provided on top of the return pulley (58) shaft and insert the bush (28) on the shaft to fix the spring.
5. Next, mount the main cam gear (61) and the reduction gear (60) on the main chassis.

NOTE: When mounting the reduction gear (60), position the reduction gear (60) and main cam gear (61) so that their two matching holes are superimposed each other.

ALIGNMENT

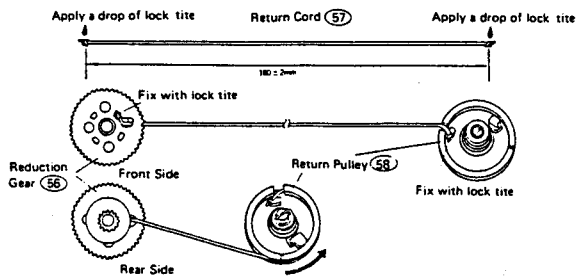
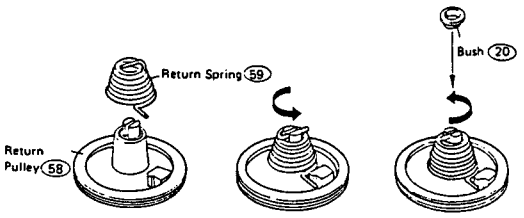


Figure 3



Mount the pulley on the chassis and insert the spring end to the slit.

Hook lower spring end as shown, and rotate the upper spring end by a half turn. Then fix the spring end temporarily.

Further rotate the upper spring end by a half turn and put the Bush (20) to fix the spring.

Figure 4

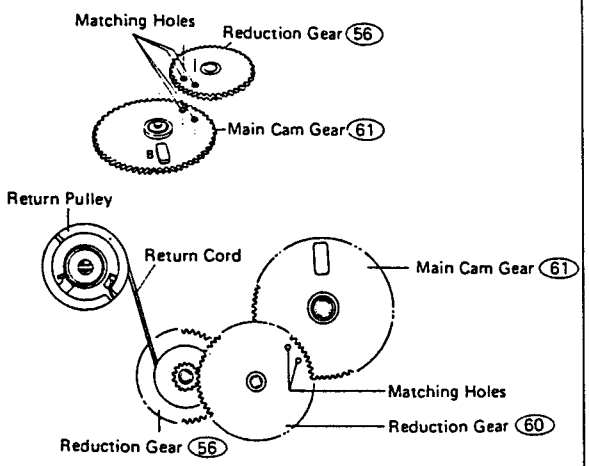


Figure 5

MOTOR GEAR MOUNTING POSITION

1. When mounting the gear with press-fit, position the gear until it is flush with the end of motor shaft.

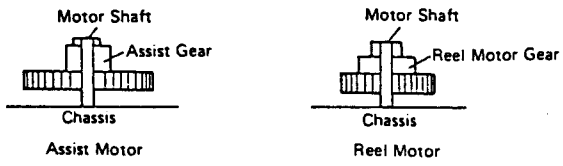


Figure 6

CABINET PARTS LOCATION

DISASSEMBLY INSTRUCTIONS (1)

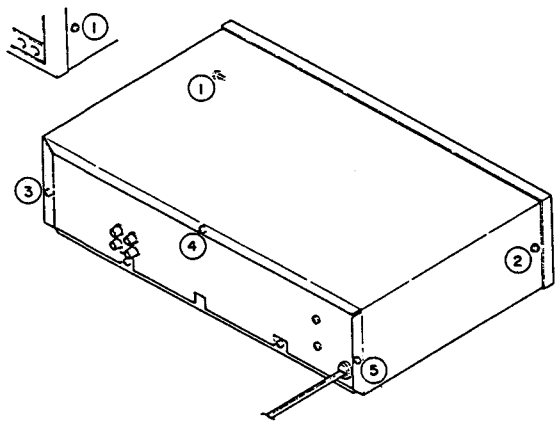


Figure 1

TOP COVER REMOVAL

1. Disconnect the power cord.
2. Remove five screws (① to ⑤) then the top cover can be removed. See Figure 1.
3. Reassemble in the reverse order.

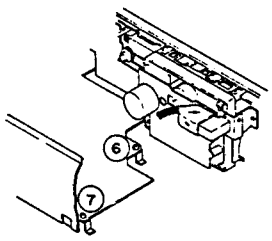


Figure 2

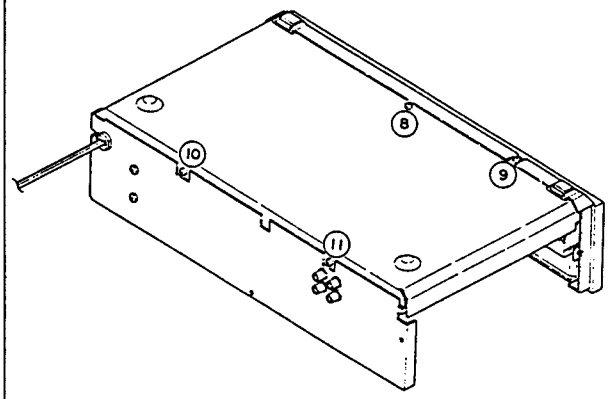


Figure 3

BOTTOM PLATE REMOVAL

1. Remove the top cover according the "TOP COVER REMOVAL".
2. Remove two screws (⑥ and ⑦) from the Main P.C. Board. See Figure 2.
3. Remove four screws (⑧ to ⑪) then the Bottom Plate can be removed. See Figure 3.
4. Reassemble in the reverse order.

CABINET PARTS LOCATION

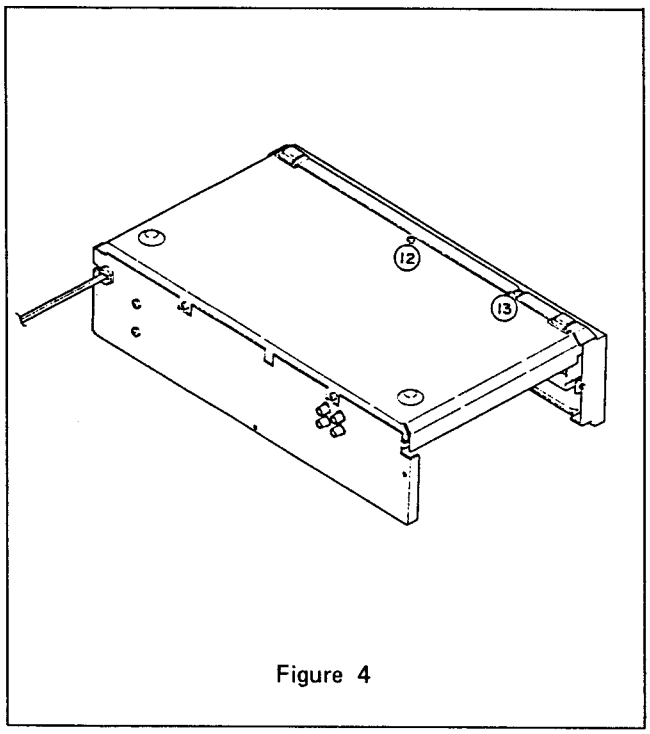


Figure 4

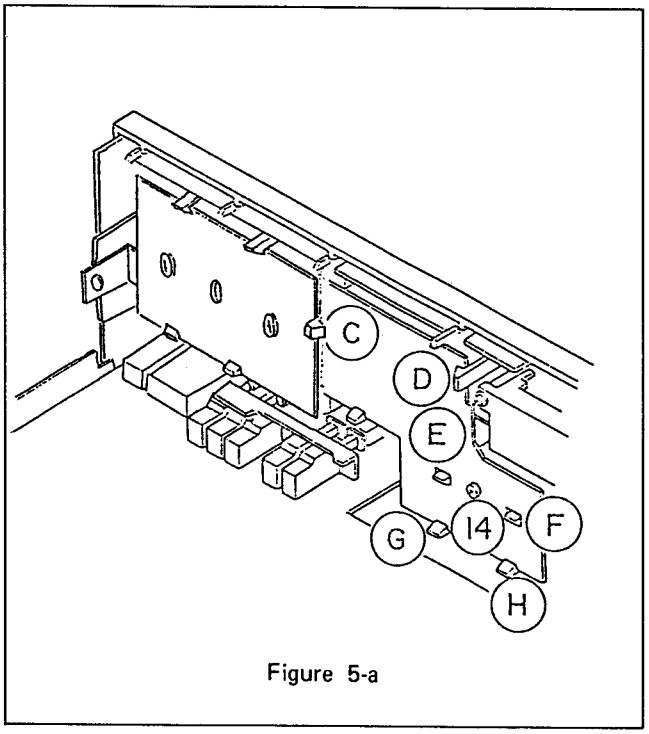


Figure 5-a

FRONT PANEL REMOVAL (with MECHANISM AND P. C. BOARDS)

1. Remove the top cover according to "TOP COVER REMOVAL".
2. Remove two screws (⑫ and ⑬) then the Front Panel can be removed. See Figure 4.
3. Reassemble in the reverse order.

LED METER P. C. BOARD REMOVAL

1. Remove the top cover according the "TOP COVER REMOVAL".
2. Remove the one screw ⑭.
3. Disengage the two hooks (Ⓒ to Ⓗ) then the LED P. C. Board can be removed. See Figure 5-a.
4. Reassemble in the reverse order.

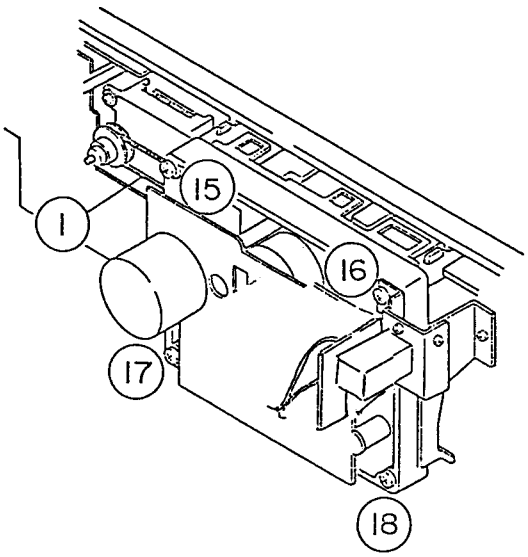


Figure 5-b

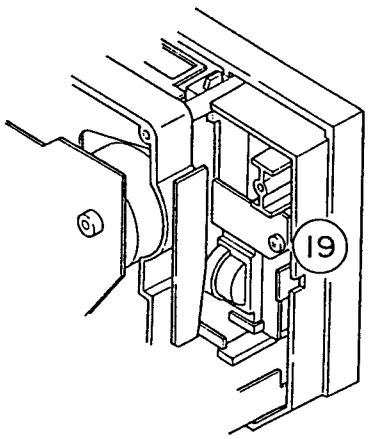


Figure 6

MECHANISM ASSEMBLY REMOVAL

1. Remove the top cover according the "TOP COVER REMOVAL".
2. Remove the tape counter belt ((1)) from the tape counter. See Figure 5.
3. Remove the four screws ((15) to (18)) then Mechanism Assembly can be removed. See Figure 5-b.
4. Reassemble in the reverse order.

TIMER SWITCH P. C. BOARD REMOVAL

1. Remove the top cover according "TOP COVER REMOVAL".
2. Remove the one screw ((19)) then the Timer Switch P. C. Board can be removed. See Figure 6.
3. Reassemble in the reverse order.

CABINET PARTS LOCATION

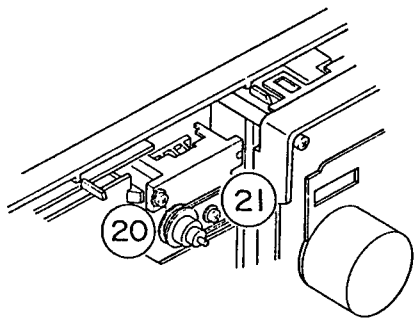


Figure 7

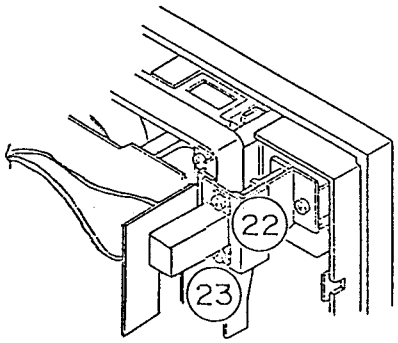


Figure 8

TAPE COUNTER REMOVAL

1. Remove the top cover according "TOP COVER REMOVAL".
2. Remove the Tape Counter belt (1) See Figure 5.
3. Remove the two screws ((20) and (21)) then the Tape Counter can be removed. See Figure 7.
4. Reassemble in the reverse order.

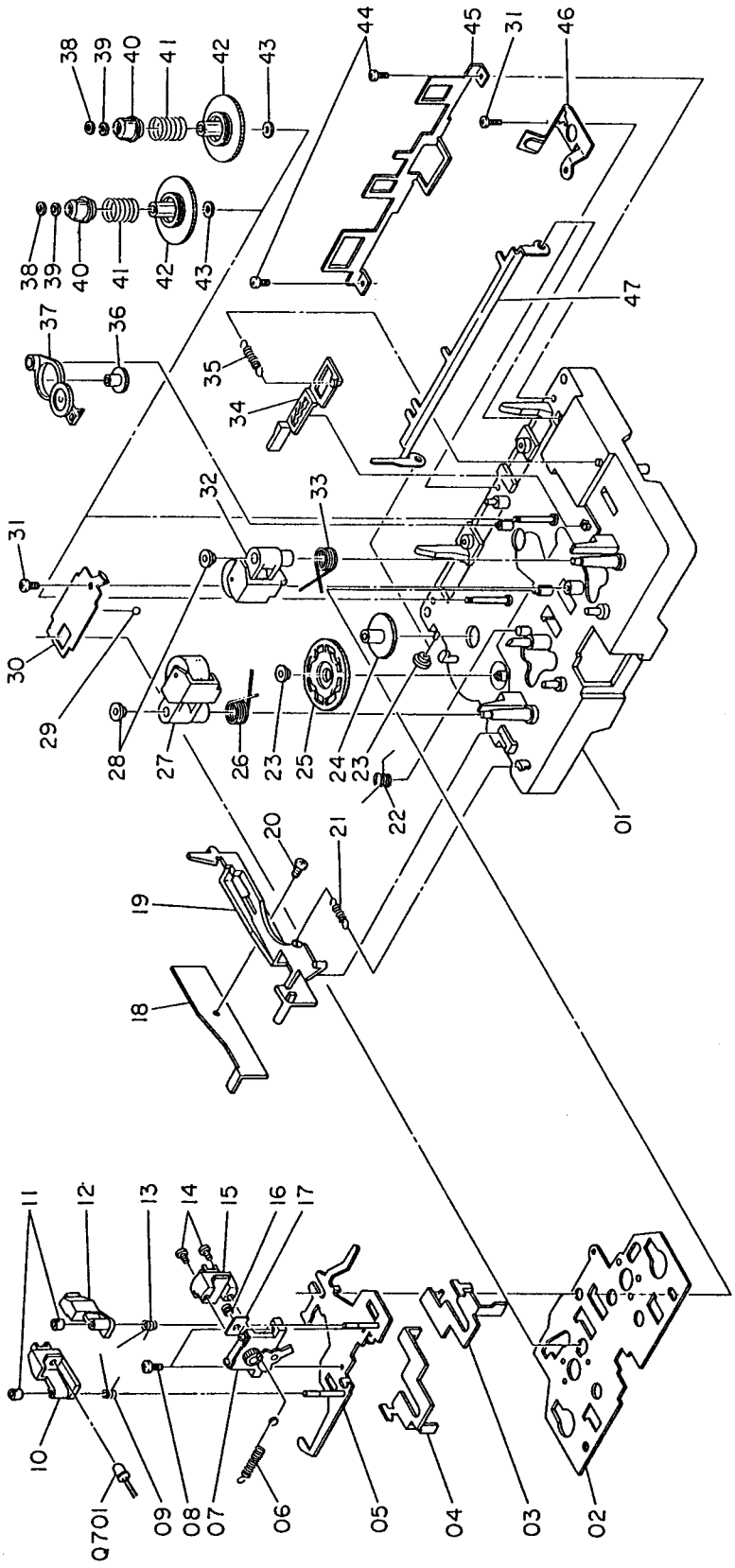
POWER SWITCH REMOVAL

1. Remove the top cover according to "TOP COVER REMOVAL".
2. Remove the two screw ((22) and (23)) then the Power Switch can be removed. See Figure 8.

MECHANICAL PARTS LOCATION

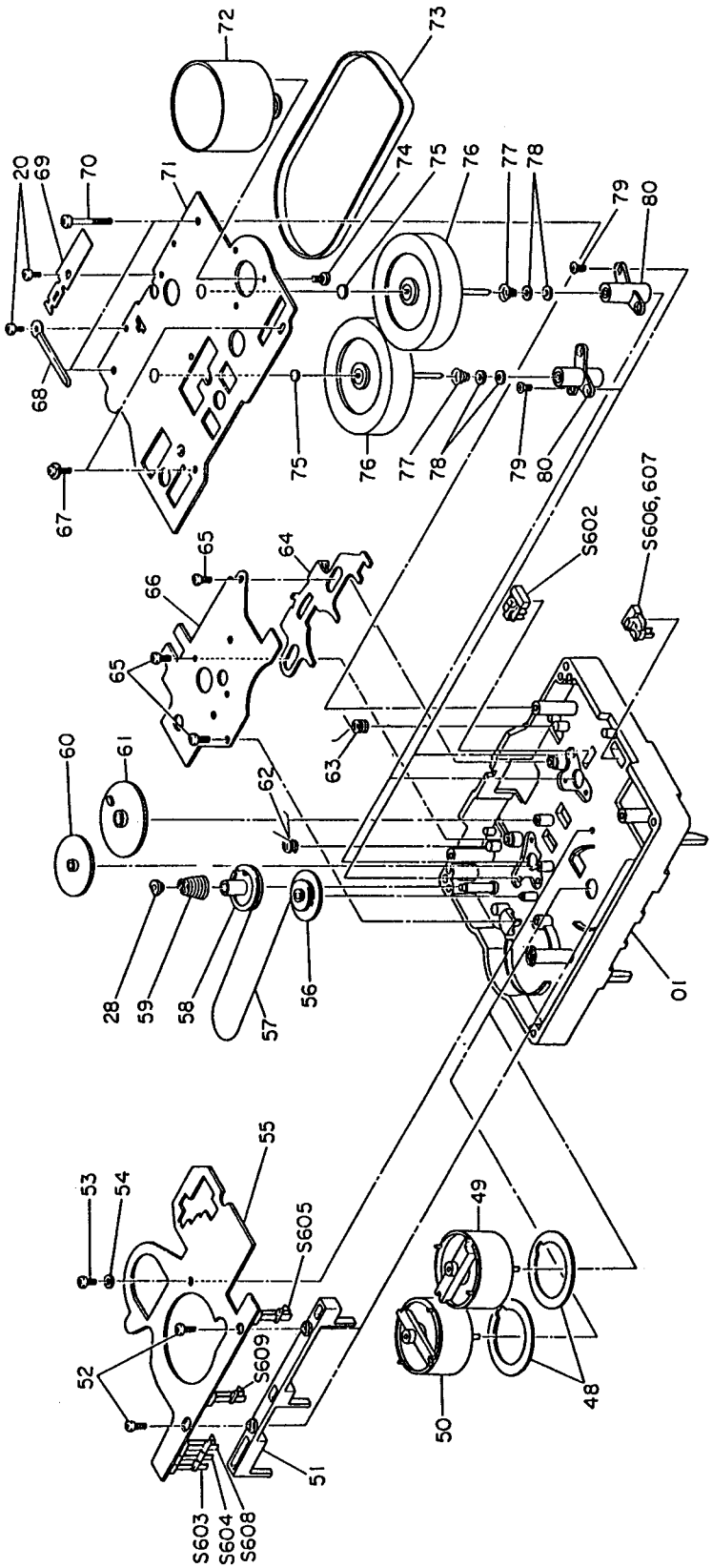
MODEL ND-750

MECHANISM EXPLODED VIEW (1)

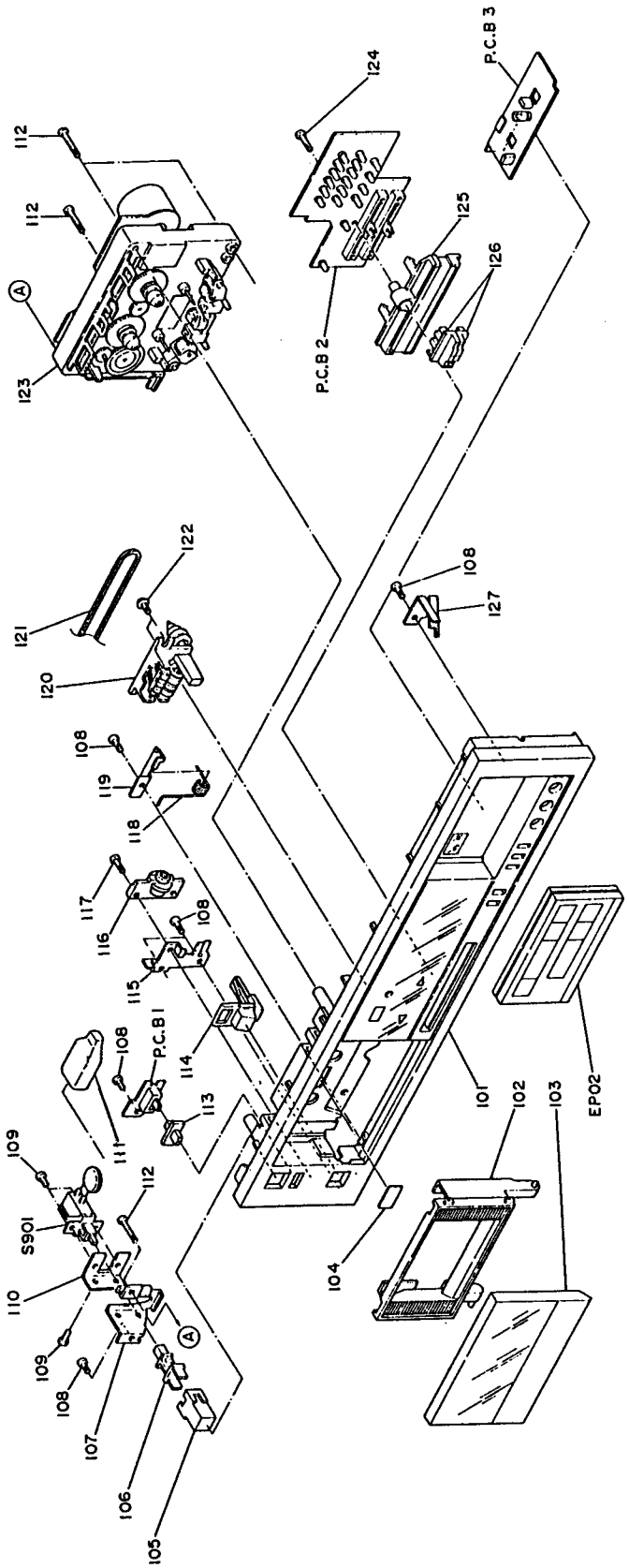


MECHANICAL PARTS LOCATION

MECHANISM EXPLODED VIEW (2)

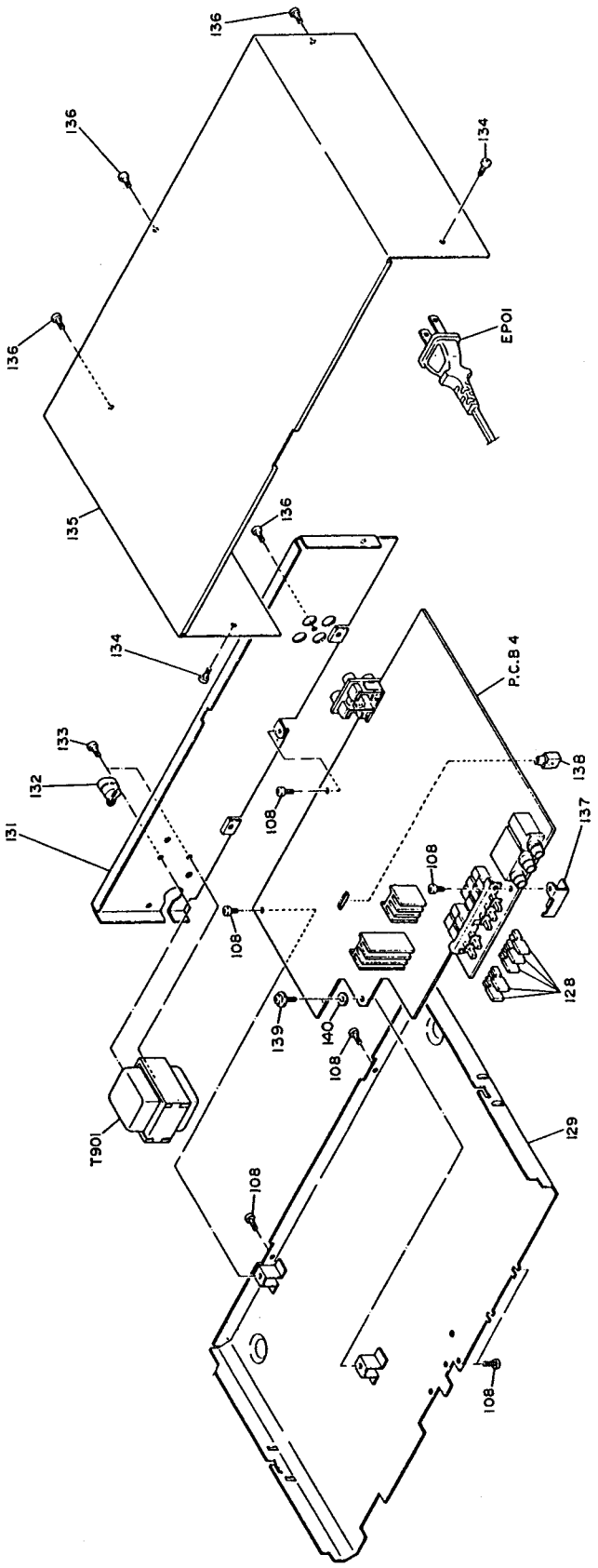


CABINET EXPLODED VIEW (1)



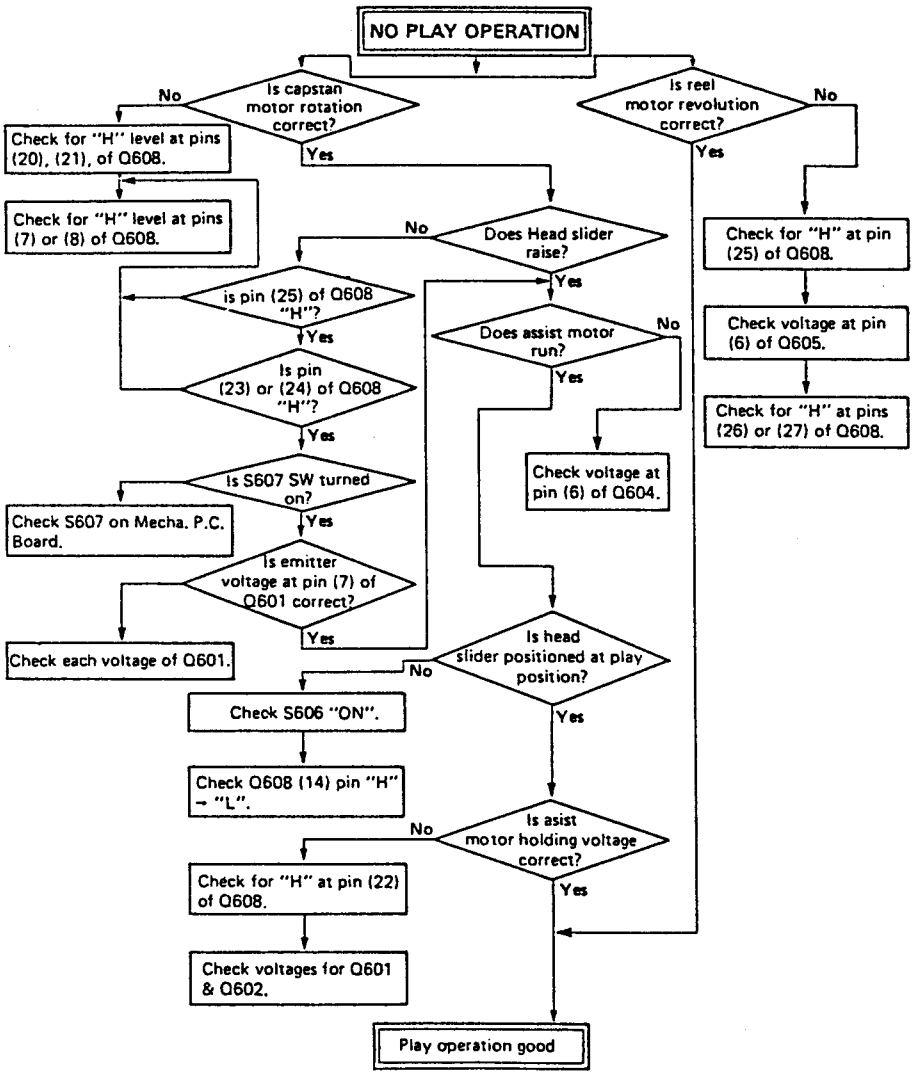
MECHANICAL PARTS LOCATION

CABINET EXPLODED VIEW (2)

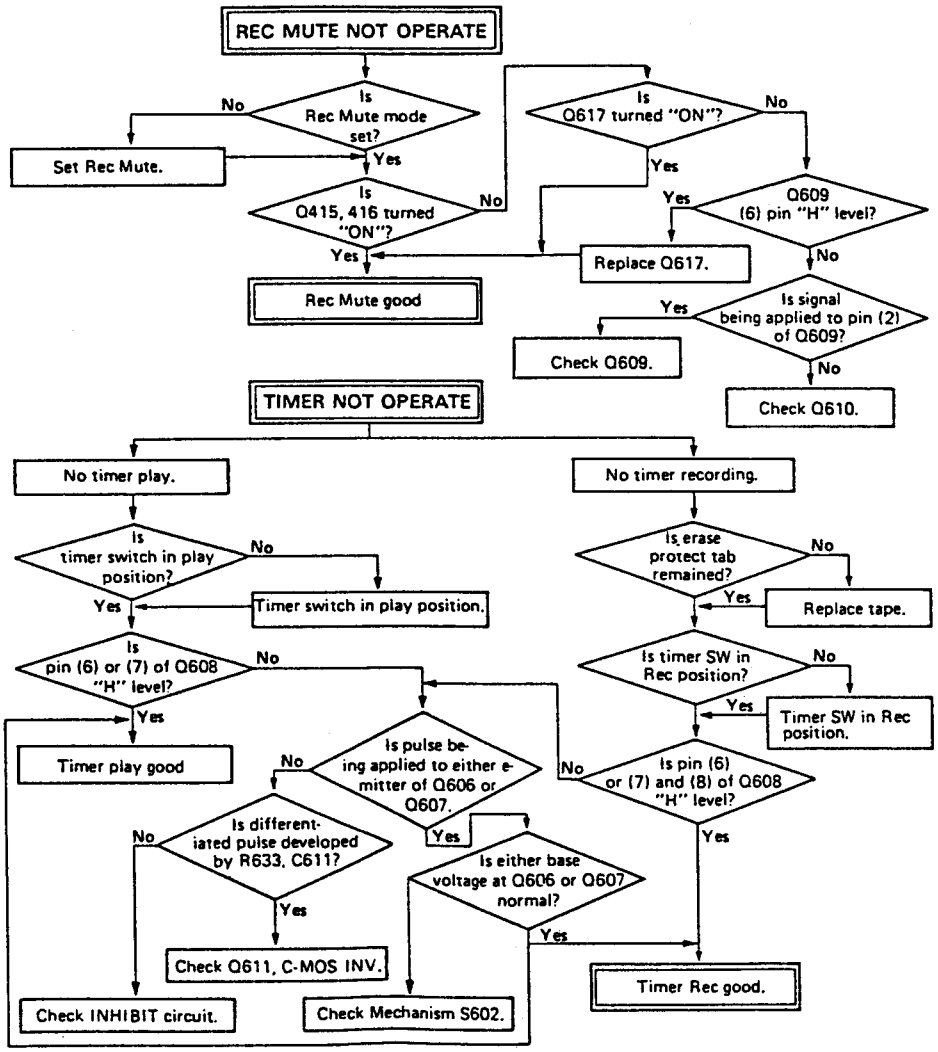


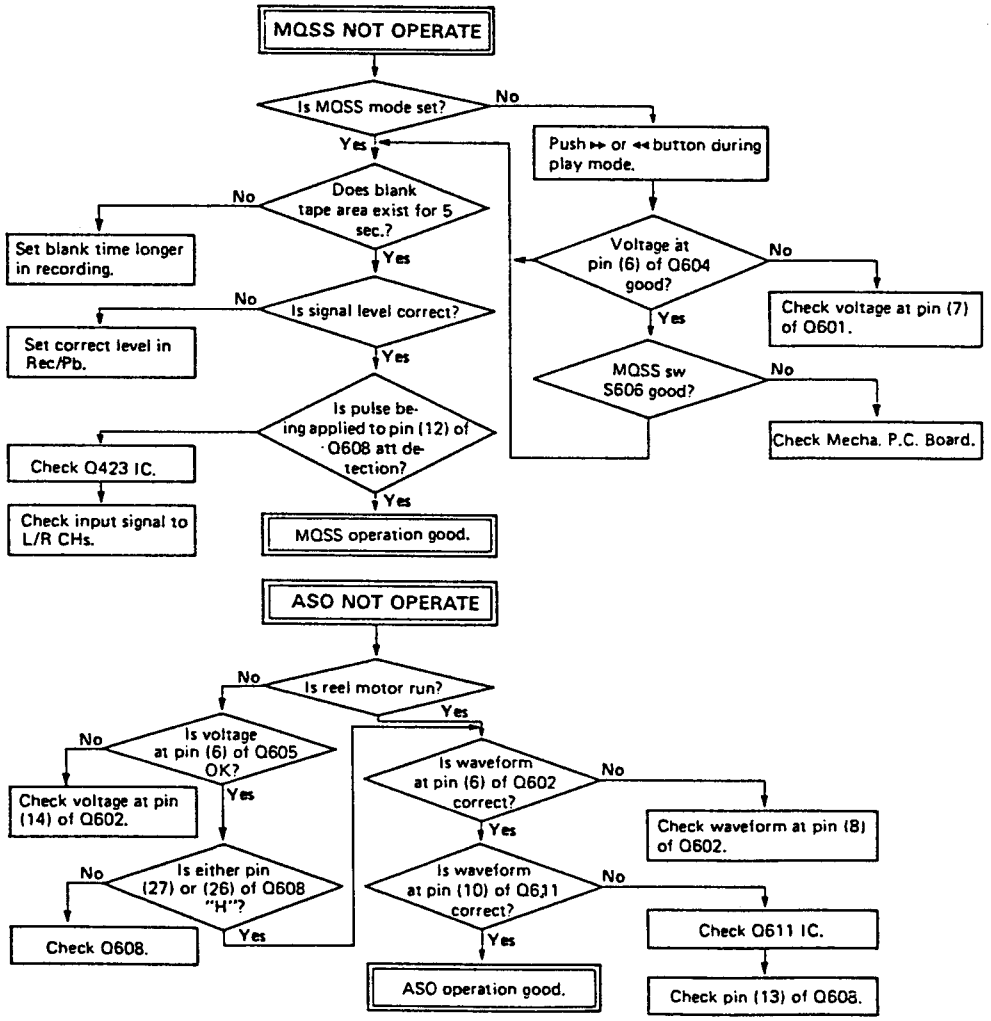
TROUBLE SHOOTING GUIDE

TROUBLE SHOOTING GUIDE (1)


NO PLAY OPERATION
Is capstan motor rotation correct?
No
Yes
Check for "H" level at pins (20), (21), of Q608.
Check for "H" level at pins (7) or (8) of Q608.
Is reel motor revolution correct?
No
Yes
Check for "H" at pin (25) of Q608.
Check voltage at pin (6) of Q605.
Check for "H" at pins (26) or (27) of Q608.
Does Head slider raise?
No
Yes
is pin (25) of Q608 "H"?
Yes
Is pin (23) or (24) of Q608 "H"?
Yes
Is S607 SW turned on?
Yes
Check S607 on Mecha. P.C. Board.
Is emitter voltage at pin (7) of Q601 correct?
Yes
Check each voltage of Q601.
Does assist motor run?
No
Yes
Check voltage at pin (6) of Q604.
Is head slider positioned at play position?
No
Yes
Check S606 "ON".
Check Q608 (14) pin "H" → "L".
Is asist motor holding voltage correct?
No
Yes
Check for "H" at pin (22) of Q608.
Check voltages for Q601 & Q602.
Play operation good

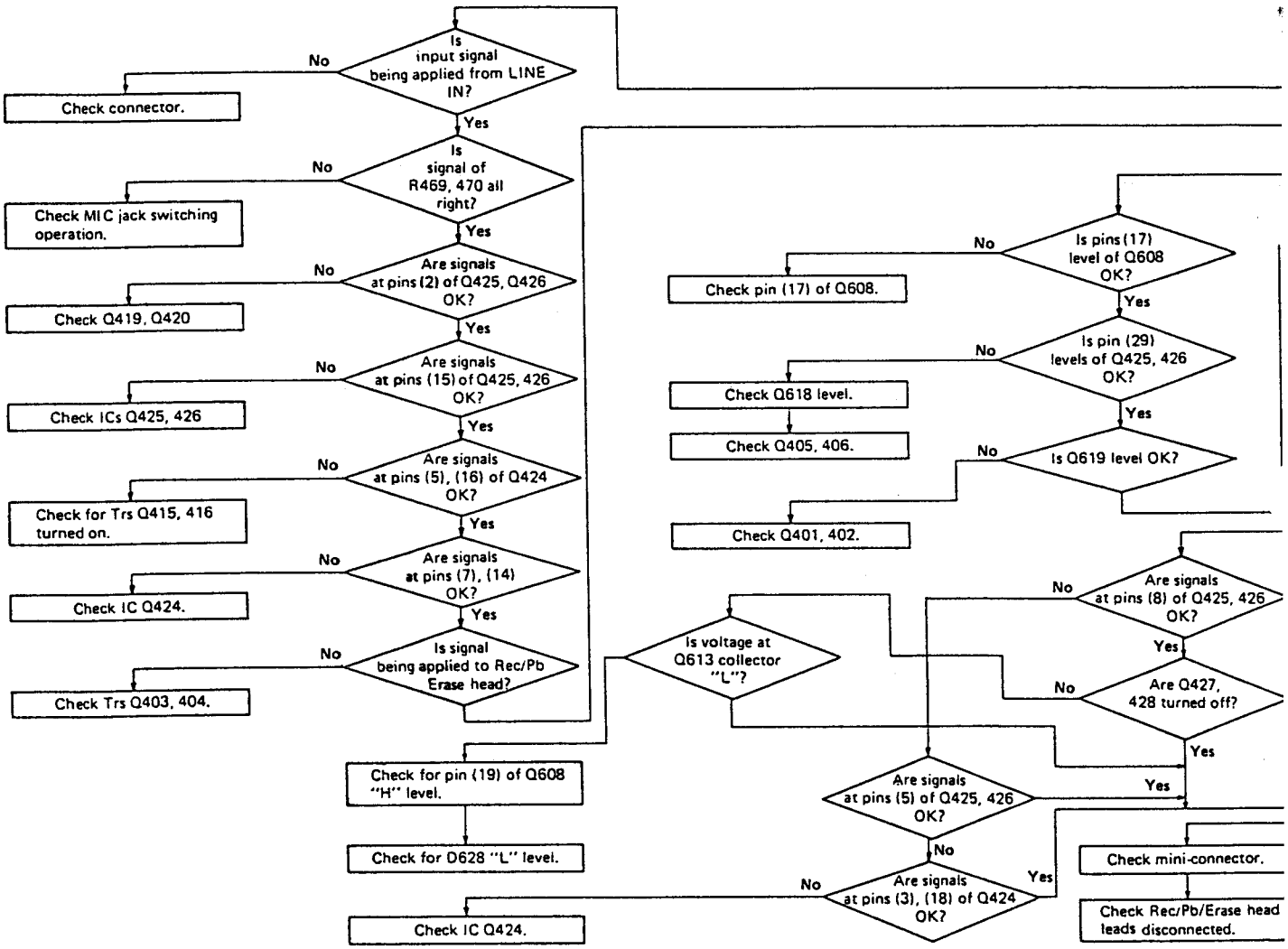
TROUBLE SHOOTING GUIDE

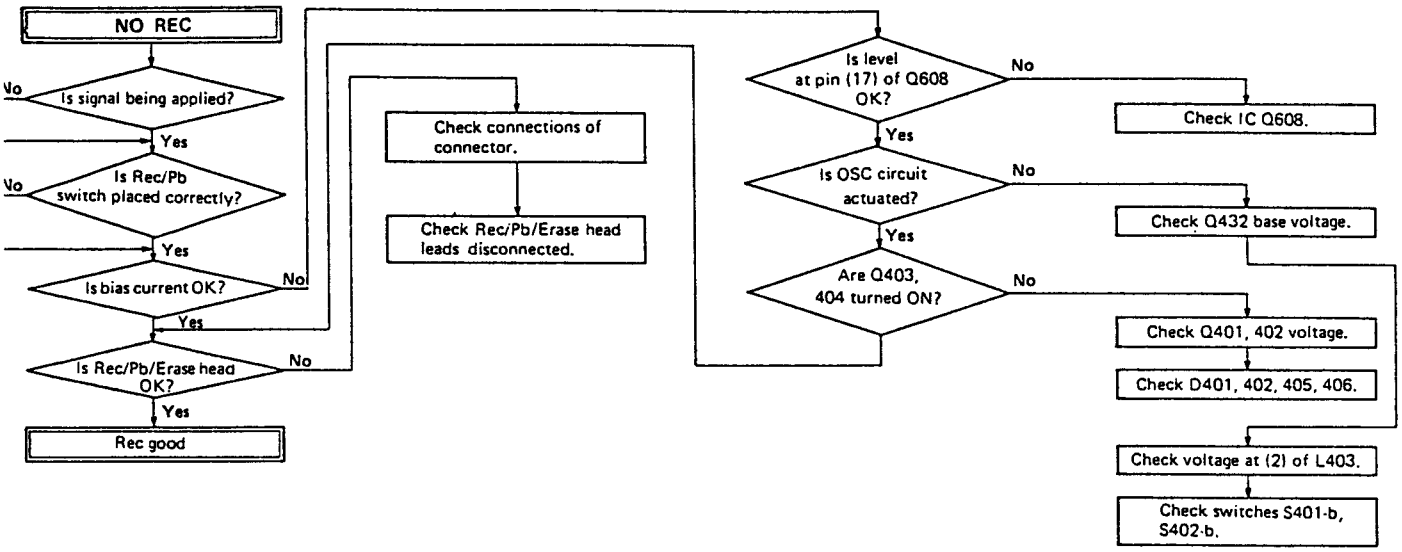


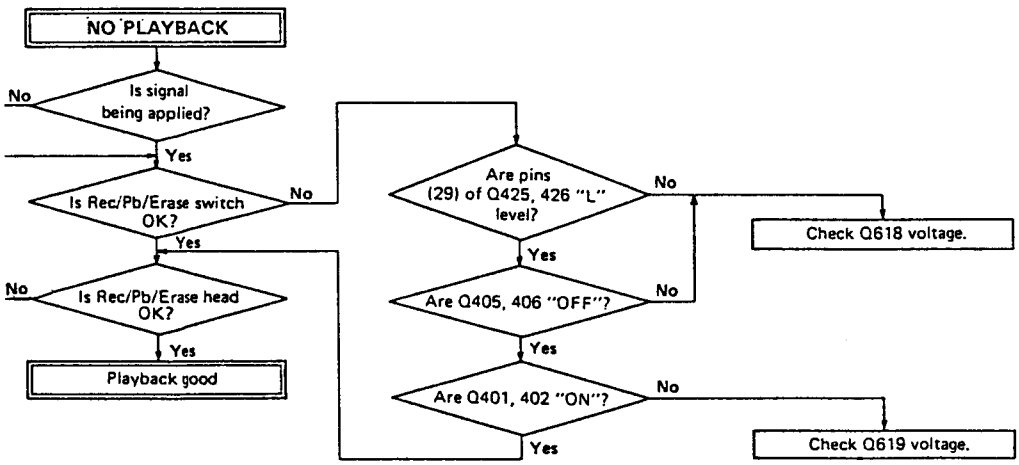

MQSS NOT OPERATE
Is MQSS mode set?
No
Yes
Push ▸▸ or ◂◂ button during play mode.
Does blank tape area exist for 5 sec.?
No
Yes
Set blank time longer in recording.
Voltage at pin (6) of Q604 good?
No
Yes
Check voltage at pin (7) of Q601.
Is signal level correct?
No
Yes
Set correct level in Rec/Pb.
MQSS sw S606 good?
No
Yes
Check Mecha. P.C. Board.
Is pulse being applied to pin (12) of Q608 att detection?
Yes
Check Q423 IC.
Check input signal to L/R CHs.
MQSS operation good.
ASO NOT OPERATE
Is reel motor run?
No
Yes
Is voltage at pin (6) of Q605 OK?
No
Yes
Check voltage at pin (14) of Q602.
Is waveform at pin (6) of Q602 correct?
No
Yes
Check waveform at pin (8) of Q602.
Is either pin (27) or (26) of Q608 "H"?
No
Yes
Check Q608.
Is waveform at pin (10) of Q611 correct?
No
Yes
Check Q611 IC.
Check pin (13) of Q608.
ASO operation good.

TROUBLE SHOOTING GUIDE

TROUBLE SHOOTING GUIDE (2)

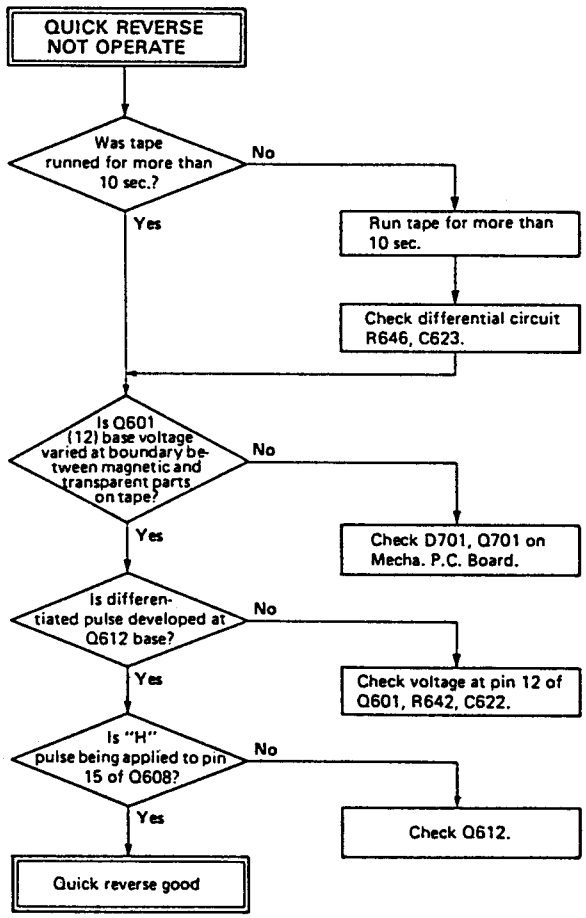


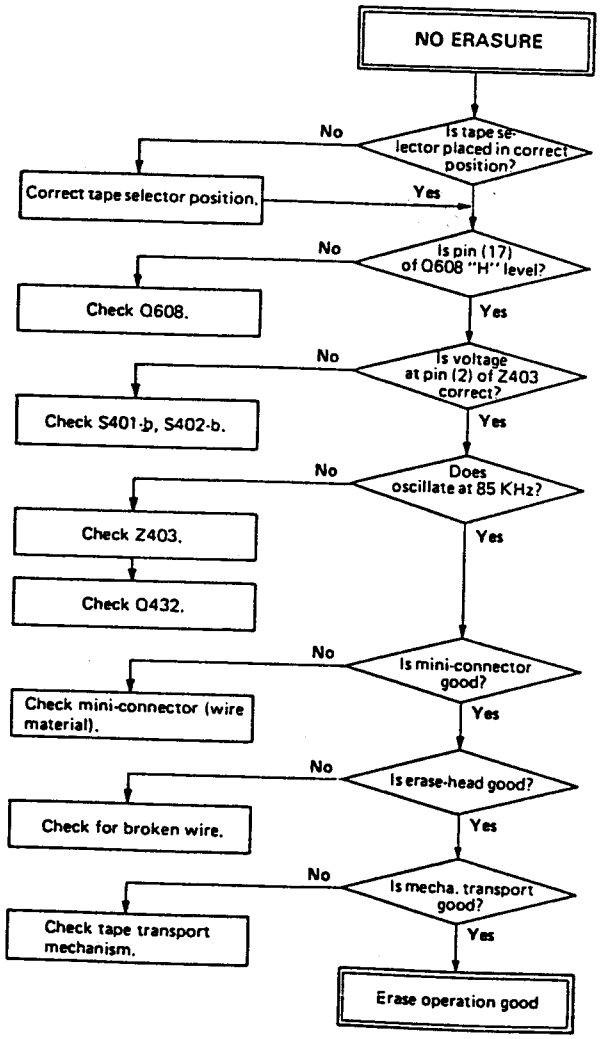

NO REC
Is signal being applied?
Yes
Is Rec/Pb switch placed correctly?
Yes
Is bias current OK?
No
Yes
Is Rec/Pb/Erase head OK?
No
Yes
Rec good
Check connections of connector.
Check Rec/Pb/Erase head leads disconnected.
Is level at pin (17) of Q608 OK?
No
Check IC Q608.
Yes
Is OSC circuit actuated?
No
Check Q432 base voltage.
Yes
Are Q403, 404 turned ON?
No
Check Q401, 402 voltage.
Check D401, 402, 405, 406.
Check voltage at (2) of L403.
Check switches S401-b, S402-b.


NO PLAYBACK
Is signal being applied?
No
Yes
Is Rec/Pb/Erase switch OK?
No
Yes
Is Rec/Pb/Erase head OK?
No
Yes
Playback good
Are pins (29) of Q425, 426 "L" level?
No
Check Q618 voltage.
Yes
Are Q405, 406 "OFF"?
No
Yes
Are Q401, 402 "ON"?
No
Check Q619 voltage.
Yes

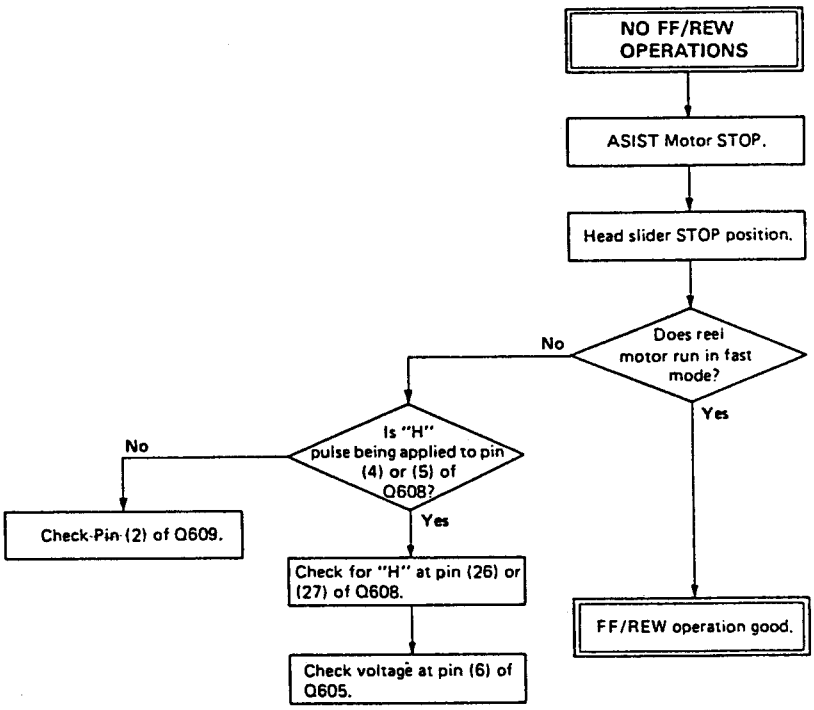
TROUBLE SHOOTING GUIDE

TROUBLE SHOOTING GUIDE (3)

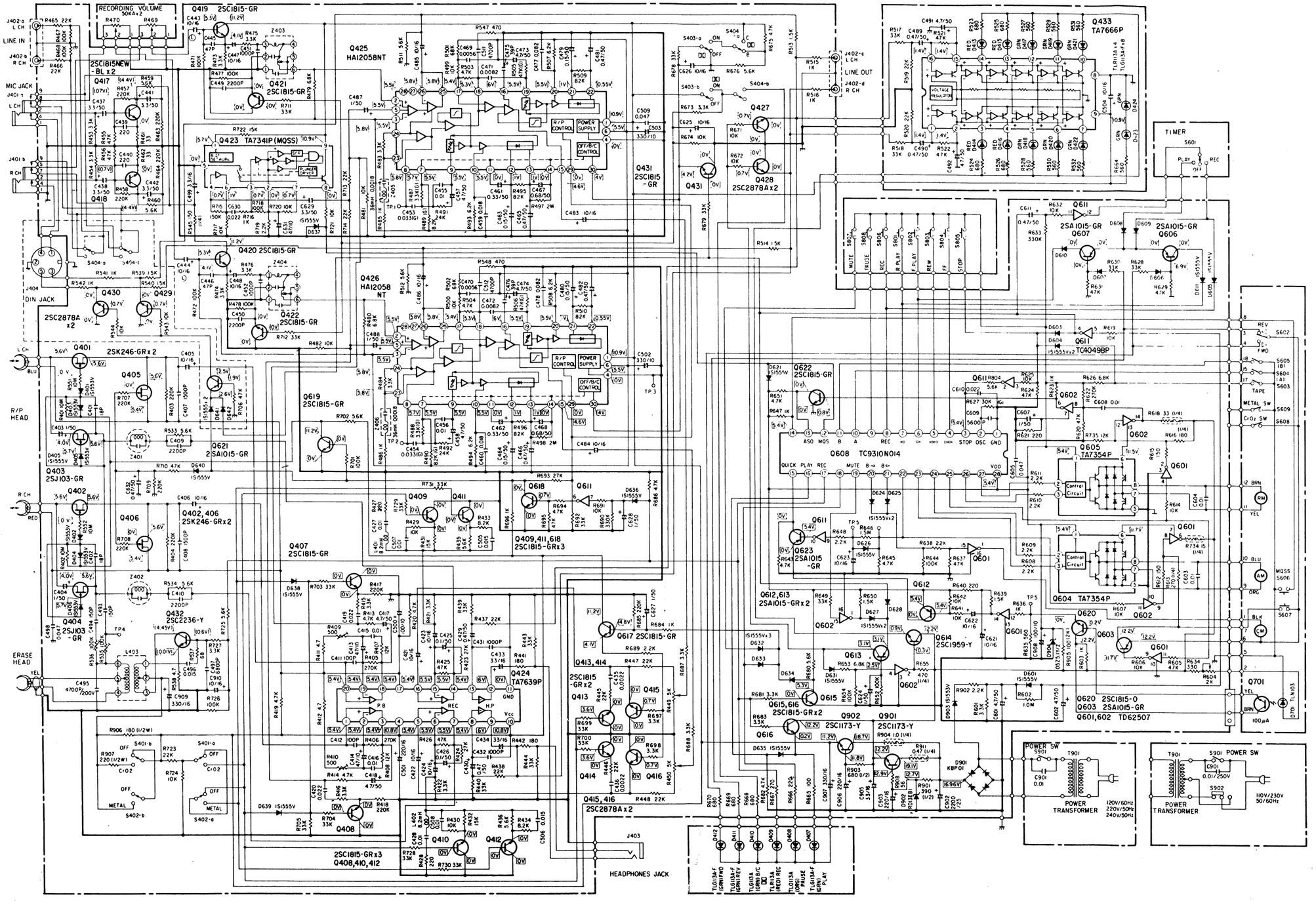

QUICK REVERSE NOT OPERATE
Was tape runned for more than 10 sec.?
No
Yes
Run tape for more than 10 sec.
Check differential circuit R646, C623.
Is Q601 (12) base voltage varied at boundary between magnetic and transparent parts on tape?
No
Yes
Check D701, Q701 on Mecha. P.C. Board.
Is differentiated pulse developed at Q612 base?
No
Yes
Check voltage at pin 12 of Q601, R642, C622.
Is "H" pulse being applied to pin 15 of Q608?
No
Yes
Check Q612.
Quick reverse good


NO ERASURE
Is tape selector placed in correct position?
No
Correct tape selector position.
Yes
Is pin (17) of Q608 "H" level?
No
Check Q608.
Yes
Is voltage at pin (2) of Z403 correct?
No
Check S401-b, S402-b.
Yes
Does oscillate at 85 KHz?
No
Check Z403.
Check Q432.
Yes
Is mini-connector good?
No
Check mini-connector (wire material).
Yes
Is erase-head good?
No
Check for broken wire.
Yes
Is mecha. transport good?
No
Check tape transport mechanism.
Yes
Erase operation good

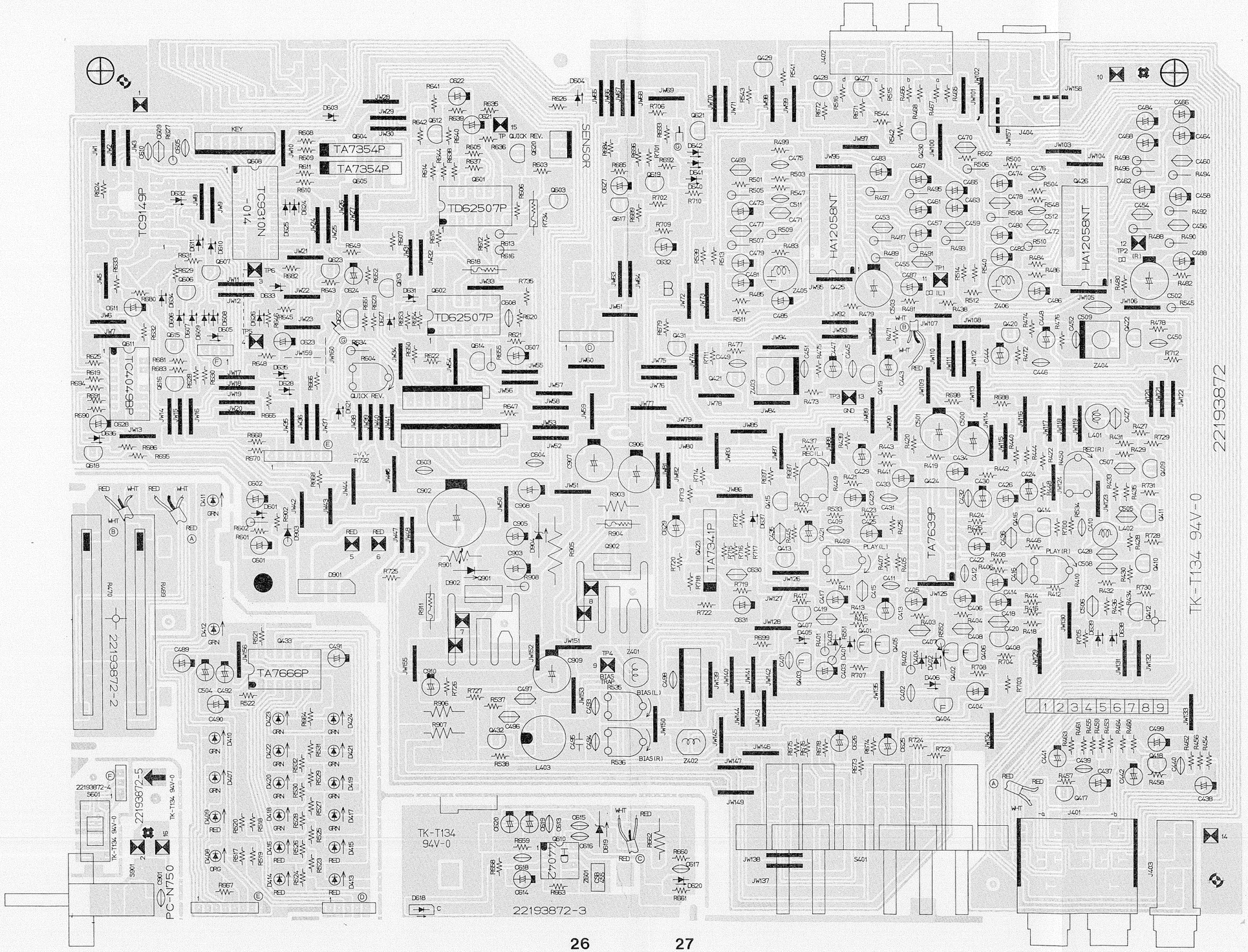
TROUBLE SHOOTING GUIDE


NO FF/REW OPERATIONS
ASIST Motor STOP.
Head slider STOP position.
Does reel motor run in fast mode?
No
Yes
Is "H" pulse being applied to pin (4) or (5) of Q608?
No
Yes
Check Pin (2) of Q609.
Check for "H" at pin (26) or (27) of Q608.
Check voltage at pin (6) of Q605.
FF/REW operation good.

SCHEMATIC DIAGRAM



P. C. BOARD


TC9149P
TC9310N -014
TA7354P
TA7354P
TD62507P
TD62507P
TC4049BP
TA7666P
HA12058NT
HA12058NT
TA7341P
TA7639P
SENSOR
TK-T134 94V-0
22193872-2
22193872-3
22193872-4
22193872-5
PC-N750
TK-T134 94V-0
TK-T134 94V-0
TP QUICK REV.
QUICK REV.
BIAS TRIM
BIAS(L)
BIAS(R)
REC(L)
REC(R)
PLAY(L)
PLAY(R)
TP1 (L)
TP2 (R)
TP3 GND
S401
J401
J402
J403
J404
1 2 3 4 5 6 7 8 9

PARTS LIST

NOTE:

1. + Numberals in file indicate the quantity of parts used in one type.

W : U.S.A. & Canada model, AC 120V
E : NK-STD model, AC 220V
V : Multi-voltage model, 110 ~ 120/200 ~ 240V AC

REF. No.	SYMBOL No.	TYPE+ W E V	DESCRIPTION	PART No.
	SEMICONDUCTORS			
	Q401,402	2 2 2	Transistor, 2SK246	36044630
	Q403,404	2 2 2	Transistor, 2SJ103	36048910
	Q405,406	2 2 2	Transistor, 2SK246	36044630
	Q407,408	2 2 2	Transistor, 2SC1815	36317460
	Q409,410	2 2 2	Transistor, 2SC1815	36317460
	Q411,412	2 2 2	Transistor, 2SC1815	36317460
	Q413,414	2 2 2	Transistor, 2SC1815	36317460
	Q415,416	2 2 2	Transistor, 2SC2878A	36342200
	Q417,418	2 2 2	Transistor, 2SC1815	36317480
	Q419,420	2 2 2	Transistor, 2SC1815	36317460
	Q421,422	2 2 2	Transistor, 2SC1815	36317460
	Q423	1 1 1	IC, TA7341P	40325320
	Q424	1 1 1	IC, TA7639P	40356360
	Q425,426	2 2 2	IC, HA12058NT	22117220
	Q427,428	2 2 2	Transistor, 2SC2878A	36342200
	Q431	1 1 1	Transistor, 2SC1815	36317460
	Q432	1 1 1	Transistor, 2SC2236	36325540
	Q433	1 1 1	IC, TA7666P	40356660
	Q601,602	2 2 2	IC, TD62507P	40275035
	Q603	1 1 1	Transistor, 2SA1015	36534060
	Q604,605	2 2 2	IC, TA7354P	40325460
	Q606,607	2 2 2	Transistor, 2SA1015	36534060
	Q608	1 1 1	IC, TC9310N-014	40413117
	Q611	1 1 1	IC, TC4049BP	30470494
	Q612,613	2 2 2	Transistor, 2SA1015	36534060
	Q614	1 1 1	Transistor, 2SC1959	36319300
	Q615,616	2 2 2	Transistor, 2SC1815	36317460
	Q617,618	2 2 2	Transistor, 2SC1815	36317460
	Q619	1 1 1	Transistor, 2SC1815	36317460
	Q620	1 1 1	Transistor, 2SC1815	36317460
	Q701	1 1 1	Transistor, TPS603	38650040
	Q622	1 1 1	Transistor, 2SC1815	36317460
	Q623	1 1 1	Transistor, 2SA1015	36534060
	Q901	1 1 1	2SC1173	36771650
	Q902	1 1 1	Transistor, 2SC1173	36771650
	Q621		Transistor, 2SA1015	36534060
	D401,402	2 2 2	Diode, 1SS178	37160611
	D403,404	2 2 2	Diode, 1SS178	37160611
	D405,406	2 2 2	Diode, 1SS178	37160611
	D407	1 1 1	Diode, TLG113A	38605677
	D408	1 1 1	Diode, TLO113A	38611730
	D409	1 1 1	Diode, TLR113A	38600607
	D410	1 1 1	Diode, TLG113A	38605677
	D411	1 1 1	Diode, TLG113A	38605677
	D412	1 1 1	Diode, TLG113A	38605677
	D413,414	2 2 2	Diode, TLR113A	38600607
	D417,418	2 2 2	Diode, TLG113A	38605677
	D419,420	2 2 2	Diode, TLG113A	38605677
	D421,422	2 2 2	Diode, TLG113A	38605677
	D423,424	2 2 2	Diode, TLG113A	38605677
	D601	1 1 1	Diode, 1SS176	37160570
	D603,604	2 2 2	Diode, 1SS176	37160570

REF. No.	SYMBOL No.	TYPE+ W E V	DESCRIPTION	PART No.
	D605	1 1 1	Diode, 1SS176	37160570
	D606,607	2 2 2	Diode, 1SS176	37160570
	D608,609	2 2 2	Diode, 1SS176	37160570
	D624,625	2 2 2	Diode, 1SS176	37160570
	D626,627	2 2 2	Diode, 1SS176	37160570
	D628	1 1 1	Diode, 1SS176	37160570
	D631	1 1 1	Diode, 1SS176	37160570
	D632,633	2 2 2	Diode, 1SS176	37160570
	D634	2 2 2	Diode, 1SS176	37160570
	D637	2 2 2	Diode, 1SS176	37160570
	D640	1 1 1	Diode, 1SS176	37160570
	D641		Diode, 1SS176	37160570
	D642		Diode, 1SS176	37160570
	D701	1 1 1	Diode, TLN103	38010100
	D901	1 1 1	Diode, KBP01	22115737
	D903	1 1 1	Diode, 1SS553V	37246601
	D904	1 1 1	Diode, RD5.1EB3	22115674
	D902		Diode, RD13EB1	22115486
	ELECTIRCAL PARTS			
	J401a~b	1 1 1	Jack, φ6mm, Microphone	22197030
	J402a~d	1 1 1	Jack, US-4P, LINE IN/LINE OUT	22163887
	J403	1 1 1	Jack, φ6mm, Headphone	22197031
	Z401,402	2 2 2	Coil, Bias trap	22153229
	Z403,404	2 2 2	Filter, Dolby	22153186
	Z405,406	2 2 2	Filter, Dolby C	22153277
⚠	T901a	1 – –	Transformer Power 120V AC	92224163
⚠	T901b	– 1 –	Transformer Power 220V AC	92224115
⚠	T901c	– – 1	Transformer Power 110~120/220~240V AC	92224157
⚠	T901d	– – 1	Transformer Power 110~120/220~240V AC	22224694
	S401,402	1 1 1	Push Switch, Tape Select	22196275
	S601	1 1 1	Slide switch, Timer	22195566
	S602	1 1 1	Slide switch, Head direction det.	22196121
	S603	1 1 1	Leaf switch, Tape detect	22196120
	S604	1 1 1	Leaf switch, Cassette tape A	22196120
	S605	1 1 1	Leaf switch, Cassette tape B	22196120
	S606,607	1 1 1	Slide switch, MQSS	22196121
	S801	1 1 1	Key switch, Stop	22190036
	S803,804	2 2 2	Key switch, Record/Fast forward	22190036
	S805,806	2 2 2	Key switch, Rewind/Pause	22190036
	S807,808	2 2 2	Key switch, Rec mute/Forward	22190036
	S809	1 1 1	Key switch, Reverse	22190036
	S901	1 1 1	Push switch, Power	22196243
⚠	EP01a	1 – –	AC Cord	22176174
⚠	EP01b	– 1 –	AC Cord	22176529
⚠	EP01c	– – 1	AC Cord	9217658803
⚠	EP01d	– – 1	AC Cord	9217612502
	EP02		SW – VOLTAGE (UN1)	92146186
	S901		Push Switch Power (UN1)	22196058
	L401,402		Chock coil 8.2m	92232278
	L403		Coil BIAS OSC	92215114

PARTS LIST

REF. No.	SYMBOL No.	TYPE+ W E V	DESCRIPTION	PART No.
	CAPACITORS			
			All capacitor 50 volts unless otherwise noted. Tolerance of capacitors are noted with following.	
			C ..... ±2% J ..... ±5% P ..... 0 + 100% K ..... ±10% Z ..... −20 + 80%	
	C401,402	2 2 2	18pF, (K)	22362180
	C403,404	2 2 2	1mfd, Electrolytic	22488109
	C405,406	2 2 2	10mfd, 16V, Electrolytic	22485100
	C407,408	2 2 2	1500pF, (J), Mylar	22371152
	C409,410	2 2 2	2200pF, (K), Mylar	22371222
	C411,412	2 2 2	100pF, (K), Ceramic	22362101
	C413,414	2 2 2	47mfd, 10V, Electrolytic	22483470
	C415,416	2 2 2	0.01mfd, (J), Mylar	22371103
	C417,418	2 2 2	4.7mfd, Electrolytic	22488479
	C419,420	2 2 2	0.022mfd, (J), Mylar	22371223
	C421,422	2 2 2	10mfd, 16V, Electrolytic	22485100
	C423,424	2 2 2	10mfd, 16V, Electrolytic	22485100
	C427,428	2 2 2	0.01mfd, (J), Mylar	22371103
	C429,430	2 2 2	0.47mfd, Electrolytic	22488478
	C431,432	2 2 2	1000pF, (K), Ceramic	22349102
	C433,434	2 2 2	33mfd, 16V, Electrolytic	22485330
	C435,436	2 2 2	2200pF, (K), Ceramic	22349222
	C437,438	2 2 2	3.3mfd, Electrolytic	22488339
	C439,440	2 2 2	220pF, (K), Ceramic	22349221
	C441,442	2 2 2	3.3mfd, Electrolytic	22488339
	C443,444	2 2 2	10mfd, 16V, Electrolytic	22485100
	C445,446	2 2 2	47pF, (J), Ceramic	22361470
	C447,448	2 2 2	10mfd, 16V, Electrolytic	22485100
	C449,450	2 2 2	2200pF, (K), Ceramic	22349222
	C451,452	2 2 2	1000pF, (K), Ceramic	22349102
	C453,454	2 2 2	0.033mfd, (G), 100V, Polypropylen	22321315
	C455,456	2 2 2	0.01mfd, (J), Mylar	22371108
	C457,458	2 2 2	4.7mfd, Electrolytic	22488479
	C459,460	2 2 2	0.018mfd, (J), Mylar	22371183
	C461,462	2 2 2	0.33mfd, Electrolytic	22480006
	C463,464	2 2 2	0.15mfd, Electrolytic	22488158
	C465,466	2 2 2	0.47mfd, Electrolytic	22488478
	C467,468	2 2 2	0.68mfd, Electrolytic	22480008
	C469,470	2 2 2	5600pF, (J), Mylar	22371562
	C471,472	2 2 2	4700pF, (J), Mylar	22371472
	C473,474	2 2 2	4.7mfd, Electrolytic	22488479
	C475,476	2 2 2	39pF, (K), Ceramic	22362390
	C477,478	2 2 2	0.082mfd, (J), Mylar	22371823
	C479,480	2 2 2	0.15mfd, Electrolytic	22488158
	C481,482	2 2 2	0.47mfd, Electrolytic	22488478
	C483,484	2 2 2	100mfd, 16V, Electrolytic	22485100
	C485,486	2 2 2	10mfd, 16V, Electrolytic	22485100
	C487,488	2 2 2	1mfd, Electrolytic	22488109
	C489,490	2 2 2	0.47mfd, Electrolytic	22488478
	C491,492	2 2 2	4.7mfd, Electrolytic	22488479
	C493,494	2 2 2	150pF, (K), Ceramic	22349151
	C495	1 1 1	4700pF, (K), 200V, Polystyrene	22380102
	C496	1 1 1	0.015mfd, (J), Mylar	22371153
	C497	1 1 1	6800pF, (K), Mylar	22372682
	C498	1 1 1	0.047mfd, (Z), Ceramic	22342473
	C499	1 1 1	33mfd, 16V, Electrolytic	22485330
	C500	1 1 1	100mfd, 10V, Electrolytic	22483101
	C501	1 1 1	220mfd, 16V, Electrolytic	22485221
	C502,503	2 2 2	330mfd, 10V, Electrolytic	22483331
	C504	1 1 1	10mfd, 16V, Electrolytic	22485100
	C505,506	2 2 2	0.015mfd, (J), Mylar	22371153
	C507,508	2 2 2	0.01mfd, (J), Mylar	22371103
	C509	1 1 1	0.047mfd, (Z), Ceramic	22342473
	C511,512	2 2 2	4700pF, (K), Ceramic	22349472
	C601,602	2 2 2	4.7mfd, Electrolytic	22488479
	C603,604	2 2 2	0.01mfd, (K), Ceramic	22342103
	C605	1 1 1	0.047mfd, (Z), Ceramic	22342473
	C607	1 1 1	1mfd, Electrolytic	22488109
	C608	1 1 1	0.01mfd, (Z), Ceramic	22342103
	C609	1 1 1	5600pF, (J), Mylar	22371562
	C610	1 1 1	0.022mfd, (Z), Ceramic	22342223
	C611	1 1 1	0.47mfd, Electrolytic	22488478
	C621,622	2 2 2	10mfd, 16V, Electrolytic	22485100
	C623	1 1 1	10mfd, 16V, Electrolytic	22485100
	C624	1 1 1	1mfd, Electrolytic	22488109
	C625,626	2 2 2	10mfd, 16V, Electrolytic	22485100
	C627	1 1 1	1mfd, Electrolytic	22488109
	C628	1 1 1	1mfd, Electrolytic	22488109
	C629	1 1 1	3.3mfd, Electrolytic	22488339
	C630	1 1 1	0.022mfd, (J), Mylar	22371223
	C631	1 1 1	33mfd, 16V, Electrolytic	22445330
	C632	1 1 1	0.47mfd, Electrolytic	22488478
	C901	1 1 1	0.01mfd, (P), 250V, Ceramic	22340140
	C902	1 1 1	2200mfd, 25V, Electrolytic	22486222
	C903	1 1 1	220mfd, 16V, Electrolytic	22445221
	C905	1 1 1	33mfd, 16V, Electrolytic	22485330
	C906	1 1 1	220mfd, 16V, Electrolytic	22485221
	C907	1 1 1	330mfd, 16V, Electrolytic	22485331
	C908	1 1 1	100mfd, 10V, Electrolytic	22483101
	C909	1 1 1	330mfd, 16V, Electrolytic	22445331
	C910	1 1 1	10mfd, 16V, Electrolytic	22485100
	RESISTOR			
			All resistors carbon film, ±5% and 1/6 watt unless otherwise noted.	
	R401,402	2 2 2	10M ohm, 1/4W	22550325
	R403,404	2 2 2	220k ohm	22584224
	R405,406	2 2 2	270k ohm	22584274
	R407,408	2 2 2	12k ohm	22584123
	R409,410	2 2 2	500 ohm, Semi-fixed, Playback gain	22658715
	R411,412	2 2 2	4.7 ohm	22584479
	R413,414	2 2 2	4700 ohm	22584472
	R415,416	2 2 2	3300 ohm	22584332
	R417,418	2 2 2	220k ohm	22584224
	R419,420	2 2 2	4700 ohm	22584472
	R421,422	2 2 2	3300 ohm	22584332
	R423,424	2 2 2	27k ohm	22584273
	R425,426	2 2 2	47k ohm	22584473
	R427,428	2 2 2	220 ohm	22584221
	R429,430	2 2 2	10k ohm	22584103
	R431,432	2 2 2	15k ohm	22584153
	R433,434	2 2 2	8200 ohm	22584822
	R435,436	2 2 2	5600 ohm	22584562
	R437,438	2 2 2	22k ohm	22584223
	R439,440	2 2 2	33k ohm	22584333
	R441,442	2 2 2	180 ohm	22584181
	R443,444	2 2 2	33k ohm	22584333
	R445,446	2 2 2	22k ohm	22584223
	R447,448	2 2 2	22k ohm	22584223
	R449,450	2 2 2	5k ohm, Semi-fixed Record gain	22658716
	R453,454	2 2 2	3300 ohm	22584332
	R455,456	2 2 2	47k ohm	22584473
	R457,458	2 2 2	220k ohm	22584224
	R459,460	2 2 2	5600 ohm	22584562
	R461,462	2 2 2	33 ohm	22584330
	R463,464	2 2 2	220k ohm	22584224
	R465,466	2 2 2	22k ohm	22584223
	R467,468	2 2 2	100k ohm	22584104
	R469,470	2 2 2	50k ohm, Variable, Record level	22650466
	R471,472	2 2 2	100k ohm	22584104
	R473,474	2 2 2	3300 ohm	22584332
	R475,476	2 2 2	3300 ohm	22584332
	R477,478	2 2 2	100k ohm	22584104
	R479,480	2 2 2	6800 ohm	22584682
	R481,482	2 2 2	10k ohm	22584103
	R483,484	2 2 2	3300 ohm	22584332
	R485,486	2 2 2	1k ohm	22584102
	R487,488	2 2 2	3300 ohm, ±2%, 1/4W	22550499

REF. No.	SYMBOL No.	TYPE+ W E V	DESCRIPTION	PART No.
	R489,490	2 2 2	8200 ohm, ±2%, 1/4W	22550500
	R491,492	2 2 2	24k ohm, 1/4W	22550494
	R493,494	2 2 2	6200 ohm, 1/4W	22550491
	R495,496	2 2 2	82k ohm, 1/4W	22555823
	R497,498	2 2 2	2M ohm, 1/4W	22550495
	R499,500	2 2 2	10k ohm	22584103
	R501,502	2 2 2	68k ohm	22584683
	R503,504	2 2 2	4700 ohm	22584472
	R505,506	2 2 2	47k ohm, ±2%, 1/4W	92550583
	R507,508	2 2 2	6200 ohm, 1/4W	22550491
	R509,510	2 2 2	82k ohm, 1/4W	22555823
	R511,512	2 2 2	5600 ohm	22584562
	R513,514	2 2 2	1500 ohm	22584152
	R515,516	2 2 2	1k ohm	22584102
	R517,518	2 2 2	33k ohm	22584333
	R519,520	2 2 2	22k ohm	22584223
	R521,522	2 2 2	47k ohm	22584473
	R523,524	2 2 2	680 ohm	22584681
	R525,526	2 2 2	680 ohm	22584681
	R527,528	2 2 2	560 ohm	22584561
	R529,530	2 2 2	560 ohm	22584561
	R531,532	2 2 2	560 ohm	22584561
	R533,534	2 2 2	5600 ohm	22584562
	R535,536	2 2 2	100k ohm, Semi-fixed, Record/Playback Frequency Adj.	22658617
	R537	1 1 1	68 ohm	22684680
	R539,540		1.5k ohm (STD, VN1 AVT)	22584152
	R541,542		1k ohm (STD. VN1 AVT)	22584102
	R545	1 1 1	150 ohm, 1/4W	22555151
	R543,544		10k ohm (STD, VN1 AVT)	22584103
	R547	2 2 2	470 ohm	22584471
	R601	1 1 1	3300 ohm	22584332
	R602	1 1 1	1M ohm	22555105
	R603	1 1 1	1k ohm	22584102
	R604	1 1 1	5k ohm, Semi-fixed	22658613
	R605	1 1 1	47k ohm	22584473
	R606	1 1 1	10k ohm	22584103
	R607	1 1 1	10k ohm	22584103
	R551,552	1 1 1	10M ohm	22584105
	R608,609	2 2 2	2200 ohm	22584222
	R610,611	2 2 2	2200 ohm	22584222
	R612	1 1 1	150 ohm	22584151
	R613	1 1 1	270 ohm, 1/4W	22555271
	R614	1 1 1	10k ohm	22584103
	R615	1 1 1	150 ohm	22584151
	R616	1 1 1	180 ohm, 1/4W	22555181
	R618	1 1 1	33 ohm, 1/4W, Fusible	22500177
	R619	1 1 1	10k ohm	22584103
	R620	1 1 1	47k ohm	22584473
	R621	1 1 1	220 ohm	22584221
	R622	1 1 1	270k ohm	22584274
	R623	1 1 1	1k ohm	22584102
	R624	1 1 1	47k ohm	22584473
	R625	1 1 1	10k ohm	22584103
	R626	1 1 1	6800 ohm	22584682
	R627	1 1 1	30k ohm, ±2%, 1/4W	22550497
	R628	2 2 2	33k ohm	22584333
	R629,631	2 2 2	47k ohm	22584473
	R632	1 1 1	10k ohm	22584103
	R633	1 1 1	330k ohm	22584334
	R634	1 1 1	330 ohm, 1/4W	22555331
	R635	1 1 1	560 ohm	22584561
	R636	1 1 1	1k ohm	22584102
	R637	1 1 1	47k ohm	22584473
	R638	1 1 1	2200 ohm	22584222
	R639	1 1 1	1500 ohm	22584152
	R640	1 1 1	220 ohm	22584221
	R641	1 1 1	10k ohm	22584103
	R642	1 1 1	10k ohm	22584103
	R643	1 1 1	4700 ohm	22584472
	R644	1 1 1	100k ohm	22584104
	R645	1 1 1	4700 ohm	22584472
	R646	1 1 1	1500k ohm	22584155
	R647	1 1 1	1k ohm	22584102
	R648	1 1 1	2200 ohm	22584222
	R649	1 1 1	33k ohm	22584333

REF. No.	SYMBOL No.	TYPE+ W E V	DESCRIPTION	PART No.
	R650	1 1 1	1500 ohm	22584152
	R651	1 1 1	4700 ohm	22584472
	R652	1 1 1	100k ohm	22584104
	R653	1 1 1	6.8k ohm	22584682
	R654	1 1 1	100k ohm	22584104
	R655	1 1 1	470 ohm, 1/4W	22555471
	R664	1 1 1	560 ohm	22584561
	R665	1 1 1	100 ohm	22684101
	R666	1 1 1	220 ohm	22584221
	R667	1 1 1	270 ohm	22584271
	R668	1 1 1	680 ohm	22584681
	R669	1 1 1	680 ohm	22584681
	R670	1 1 1	680 ohm	22584681
	R671,672	2 2 2	10k ohm	22584103
	R673	1 1 1	3300 ohm	22584332
	R674	1 1 1	10k ohm	22584103
	R675	1 1 1	4700 ohm	22684472
	R676	1 1 1	5600 ohm	22584562
	R678	1 1 1	33k ohm	22584333
	R679	1 1 1	33k ohm	22584333
	R680	1 1 1	5600 ohm	22584562
	R681	1 1 1	33k ohm	22684333
	R682	1 1 1	4700 ohm	22684472
	R683	1 1 1	3300 ohm	22584332
	R684	1 1 1	1k ohm	22684102
	R685	1 1 1	220k ohm	22584224
	R686	1 1 1	4700 ohm	22584472
	R687,688	2 2 2	3300 ohm	22684332
	R689	1 1 1	2200 ohm	22584222
	R690	1 1 1	330k ohm	22584334
	R691	1 1 1	10k ohm	22584103
	R692	1 1 1	33k ohm	22584333
	R693	1 1 1	27k ohm	22584273
	R694	1 1 1	4700 ohm	22584472
	R695	1 1 1	47k ohm	22584473
	R696	1 1 1	3300 ohm	22584332
	R697,698	2 2 2	3300 ohm	22584332
	R699,700	2 2 2	33k ohm	22584333
	R701	1 1 1	100k ohm	22584104
	R702	1 1 1	5600 ohm	22584562
	R703	1 1 1	33k ohm	22584333
	R704	1 1 1	33k ohm	22584333
	R705	1 1 1	33k ohm	22584333
	R706		47k ohm	22584473
	R707,708	2 2 2	220k ohm	22584224
	R709	1 1 1	220k ohm	22584224
	R710	1 1 1	47k ohm	22584473
	R711,712	2 2 2	33k ohm	22584333
	R713,714	2 2 2	22k ohm	22584223
	R715	1 1 1	150k ohm	22584154
	R716	1 1 1	1k ohm	22584102
	R717	1 1 1	10k ohm	22584103
	R718	1 1 1	100k ohm	22584104
	R719	1 1 1	22k ohm	22584222
	R720	1 1 1	10k ohm	22584103
	R721	1 1 1	10k ohm	22584103
	R722	1 1 1	15k ohm	22584153
	R723	1 1 1	22k ohm	22584223
	R724	1 1 1	10k ohm	22584103
	R725	1 1 1	5600 ohm	22584562
	R726	1 1 1	100k ohm	22584104
	R727	1 1 1	3300 ohm	22584332
	R728,729	2 2 2	33k ohm	22584333
	R730,731	2 2 2	33k ohm	22584333
	R734	1 1 1	15 ohm, 1/4W, Fusible	22500174
	R735	1 1 1	12k ohm	22584123
	R804		5.6k ohm	22584562
	R901	1 1 1	390 ohm, 1/4W, Fusible	92547391
	R902	1 1 1	2.2k ohm	22584222

PARTS LIST

REF. No.	SYMBOL No.	TYPE+ W E V	DESCRIPTION	PART No.
	R903	1 1 1	680 ohm, 1/2W	22547681
	R904	1 1 1	1 ohm, 1/4W, Fusible	22500355
	R905	1 1 1	100 ohm, 2W, Metal Oxide Film	22573101
	R906	1 1 1	180 ohm, 1/2W	22547181
	R907	1 1 1	220 ohm, 1/2W	22547221
	R911	1 1 1	0.47 ohm, 1/4W, Fusible	22500336

CASSETTE MECHANISM PARTS LIST

	M1,39	2 2 2	Washer, ϕ3.9mm x ϕ2.1mm x 0.25 mm	25766042
	M2,40	2 2 2	Collar, Reel drum	25754436
	M3,41	2 2 2	Spring, Reel drum	25777156
	M4,42	2 2 2	Reel Drum	25754435
	M5,43	2 2 2	Washer, ϕ6mm x ϕ2.1mm x 0.13 mm	25764597
	M6,11	2 2 2	Nut, Adjust	25783258
	M7,10	1 1 1	Tape guide, Left	25783298
	M8,12	1 1 1	Tape guide, Right	25783301
	M9,09	1 1 1	Guide spring, Left	25778066
	M10,13	1 1 1	Guide spring, Right	25778065
	M11,08	2 2 2	Screw, Bid Hd., 2.0ϕ x 5mm	22707451
	M12,15	1 1 1	Record/Playback/Erase head	22217422
	M13,07	1 1 1	Head holder assembly	25717543
	M14,06	1 1 1	Spring, Shift	25776515
	M15,05	1 1 1	Head slider assembly	25717542
	M16,04	1 1 1	Play slider, Left	25741960
	M17,03	1 1 1	Play slider, Right	25741959
	M19,28	3 3 3	Bush	25783260
	M20,27	1 1 1	Pressure roller assembly, L	25717541
	M21,26	1 1 1	Spring, Pressure roller	25778070
	M23,19	1 1 1	Lock slider	25782569
	M24,20	3 3 3	Screw, Bid Hd., 2.6ϕ x 6mm	22707366
	M25,21	1 1 1	Spring, Lock slider	25776513
	M26,23	2 2 2	Bush	25783226
	M27,22	1 1 1	Spring, Head slider	25778071
	M28,25	1 1 1	Gear, Reduction	25756320
	M29,54	1 1 1	Gear, Assist	25756317
	M30,01	1 1 1	Main chassis assembly	25791584
	M31,37	1 1 1	Gear assembly, Transfer	25756337
	M32,86	1 1 1	Gear, Reel motor	25756319
	M33,14	2 2 2	Screw, Pan Hd., 1.4ϕ x 6mm	22702173
	M34,16	1 1 1	Cushion, Head	25761450
	M35,17	1 1 1	Cushion,plate, Head	25761481
	M36,31	2 2 2	Screw, Bid Hd., 2ϕ x 6mm	22707298
	M37,30	1 1 1	Holder spring	25779296
	M38,29	1 1 1	Steel Ball, ϕ1.5mm	25757132
	M39,46	1 1 1	Holder spring	25779295
	M40,32	1 1 1	Pressure roller assembly, R	25717540
	M41,33	1 1 1	Spring, Pressure roller	25778069
	M42,35	1 1 1	Spring, Switch lever	25776514
	M43,34	1 1 1	Switch lever	25782565
	M44,47	1 1 1	Lever, Switch up	25748924
	M45,67	2 2 2	Screw, Tpan Hd., 2.6ϕ x 8mm	22707361
	M47,75	2 2 2	Washer, ϕ6mm x 0.25mmt	25766024
	M48,76	2 2 2	Flywheel assembly	25717538
	M49,77	2 2 2	Spring, Flywheel	25777071
	M50,78	4 4 4	Washer, ϕ5mm x ϕ2.5mm x 0.25mmt	25764486
	M51,65	3 3 3	Screw, Bid Hd., 2.6ϕ x 8mm	22707301
	M53,59	1 1 1	Spring, Return	25778080
	M54,58	1 1 1	Pulley, Return	25758141
	M55,57	1 1 1	Cord, Return	22999222
	M56,56	1 1 1	Gear, Reduction	25756319
	M57,50	1 1 1	Assist motor assembly	25791553
	M58,48	2 2 2	Cushion, Motor	25857129
	M59,53	1 1 1	Screw, Bid Hd., 2.6ϕ x 6mm	22707473
	M61,62	2 2 2	Screw, Bid Hd., 2.6ϕ x 8mm	22707303
	M62,55	1 1 1	Switch R.C. Board	22192204
	M63,51	1 1 1	Switch holder	25781257
	M65,70	2 2 2	Screw, Bid Hd., 2.6ϕ x 24mm	22707878
	M66,72	1 1 1	Main motor assembly	25791525
	M67,73	1 1 1	Belt, Main	25755555
	M68,74	3 3 3	Screw, Bid Hd., 2.6ϕ x 3mm	22701389
	M69,64	1 1 1	Slider, Reverse	25741958
	M70,61	1 1 1	Cam gear, Main	25756321
	M71,60	1 1 1	Gear, Reduction	25756318
	M72,49	1 1 1	Reel motor assembly	25791554
	M73,79	3 3 3	Screw, Flt Hd., 2.6ϕ x 4mm	22707895
	M74,62	1 1 1	Spring, Play slider	25778068
	M75,80	2 2 2	Capstan Holder	25717539
	M76,63	1 1 1	Spring, Play slider	25778067
	M77,44	2 2 2	Screw, Bid Hd., 2ϕ x 5mm	22708040
	M79,38	2 2 2	Washer, ϕ4mm x ϕ1.6mm x 0.5mmt	25766050

CABINET AND CHASSIS

	CA01,121	1 1 1	Belt, Tape counter	25755285
	CA03,106	1 1 1	Joint knob	25830254
	CA04,128	5 5 5	Knob, DOLBY NR, TAPE SELECTOR	25837737
	CA05,105	1 1 1	Knob, POWER	25837735
	CA06,113	1 1 1	Knob, TIMER	25837736
	CA07,126	2 2 2	Knob, RECORDING LEVEL	22835936
	CA08,125	1 1 1	Decoration, RECORDING LEVEL	22883633
	CA09,132	1 1 1	Bush, AC cord	25845528
	CA10a	1 – –	Top Cover (Sliver)	22832898
	CA10b	1 1 1	Top Cover (Black)	22832899
	CA11a,131	1 – –	Jack Plate	22176174
	CA11b,131	– 1 –	Jack Plate	25824685
	CA11c,131	– – 1	Jack Plate	25824686
	CA11d,131	– – 1	Jack Plate	25824687
	CA14,120	1 1 1	Tape counter	25873659
	CA15a,101	1 – –	Panel assembly, Front (Sliver)	22883636
	CA15b,101	1 1 1	Panel assembly, Front (Black)	22883637
	CA16,118	1 1 1	Spring, Eject	25775243
	CA17,102	1 1 1	Cassette holder assembly	25832807
	CA18,114	1 1 1	Knob, Eject	25837742
	CA19,116	1 1 1	Damper	25858579
	CA23a,103	1 – –	Cassette Cover (Sliver)	25822950
	CA23b,103	1 1 1	Cassette Cover (Black)	25822952
	CA24,109	4 4 4	Screw, Bid Hd., 3ϕ x 6mm	22707066
	CA26,117	1 1 1	Screw, Bid Hd., 3ϕ x 12mm	22707802
	CA27,112	4 4 4	Screw, Bid Hd., 3ϕ x 25mm	22707806
	CA28,124	1 1 1	Screw, Bid Hd., 3ϕ x 16mm	22707835
	CA29,108	10 10 10	Screw, Bid Hd., 3ϕ x 8mm	22707842
	CA30,136	2 2 2	Screw, Bid Hd., 3ϕ x 8mm, BLK	22707885
	CA31a,134	1 – –	Screw, Bid Hd., 3ϕ x 10mm (Sliver)	22707886
	CA31b,134	1 1 1	Screw, Bid Hd., 3ϕ x 10mm (Black)	22701974
	CA33,104	1 1 1	Refrector	25808372
	CA40,A-01	1 1 1	Decoration, Key	22837875